

SmartHire

Team Technovators

- 1) Dhanasree Rajamani
- 2) Chaitra Bengaluru Vishweshwaraiah
- 3) Krishna Pranathi Mokshagundam
- 4) Sravani Thota

SmartHire Application Instance on AWS

<http://13.56.8.55/>

SmartHire Application Demo

- 1) Application Demo : <https://youtu.be/KFXIa2sy6zY>
- 2) Getting resumes from S3, parsing and displaying on the application :
https://drive.google.com/file/d/1bsTYfK_ghJF7bJusPGghHBsCc9a-v0l3/view?usp=share_link

Github URL - Code

https://github.com/Dhanasree-Rajamani/SmartHire_CMPE272

Problems with Recruitment process

Recruitment is a tedious process that enterprise organizations have to go through to acquire the right talent. The process of recruitment takes a lot of effort, time and cost for the organization with the below mentioned concerns

1. Shortlisting the right profiles from a wide pool of applicants without right qualifications
2. Scheduling interviews according to the interviewer and the candidates convenience
3. To figure out how appropriate is the candidate for the role that he/she has applied for

Why SmartHire?

SmartHire is the solution for enterprise organizations to make the recruitment process efficient and effective by automating the functionalities involved in recruitment. It is a one-stop solution where shortlisting the candidates and scheduling the interviews with the candidates can be done easily with a single tool.

It eliminates the need for a third party organization, therefore reducing cost. It is a user-friendly tool for the recruiters to view, shortlist, interview, provide feedback and select/reject the candidate, while ensuring that the data is secure (Access to confidential data is role based).

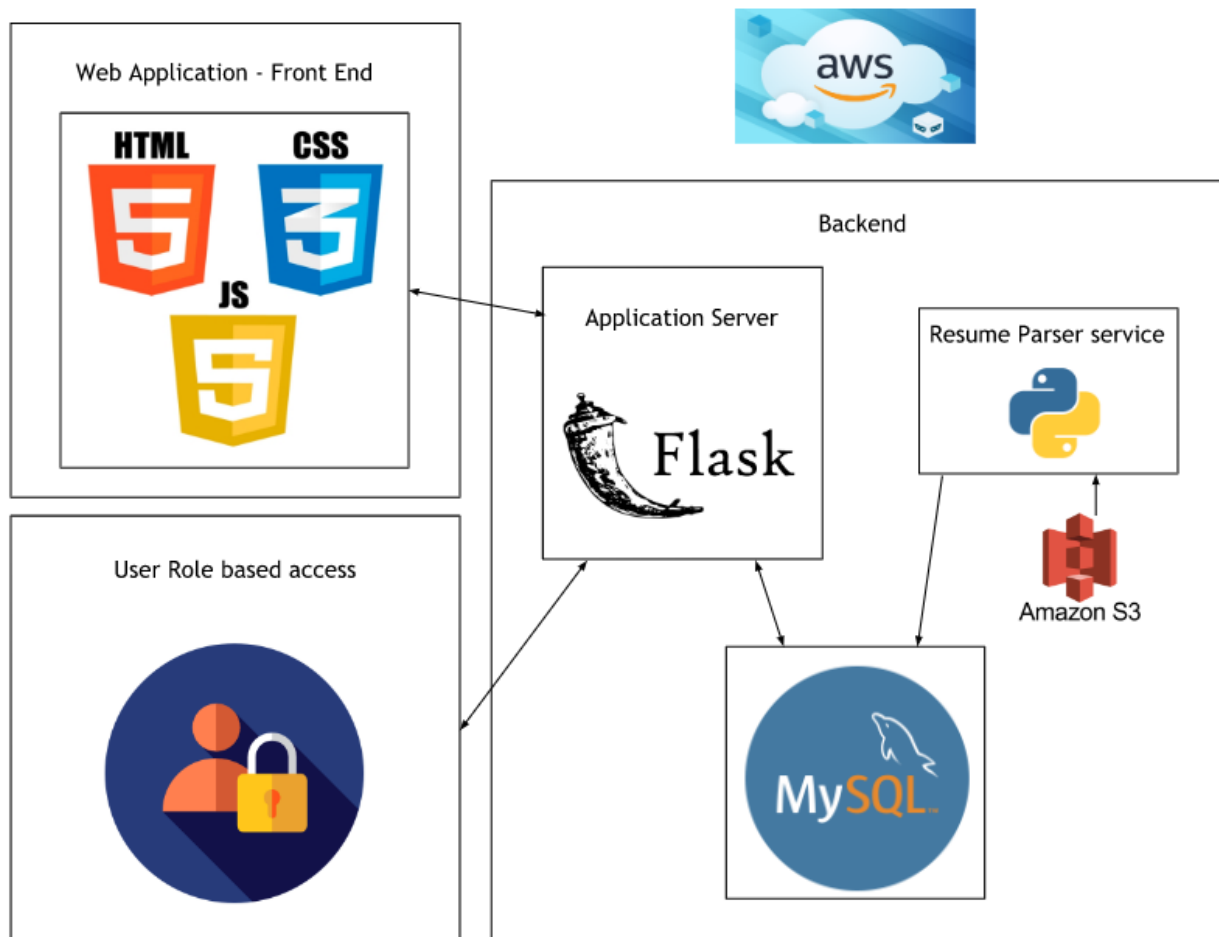
We provide the organization with a feature of scoring the profiles of the candidates based on their skillset and their work experience on that particular skill which makes it easier to shortlist the right candidates from the large pool of candidates.

Functionalities

- Candidate resumes are downloaded from the cloud.
- The parser is used to parse the resume downloaded from the cloud to store the required fields in the recruitment database.
- The list of roles that are currently open for recruitment is displayed, from which relevant candidates for the role are automatically shortlisted.

- The recruiter can add, view and close a position on the application.
- The recruiter can view all the candidates as well as candidates relevant to a role. The recruiter can schedule interviews to candidates(application automatically assigns candidates with most relevant interviewer).
- Candidate resumes can be viewed from within the application.
- The application also provides a portal to provide and view interview feedback of candidates.

System Architecture



Technologies/Frameworks Used

- **Flask** : It is python microframework used to develop the web application. We have used packages like flask_login, flask_wtf for login management and handling Form requests.
- **MySQL** : MySQL relational database is used to store the applicant data parsed from the resumes into the candidate table. Some of the tables used in MySQL are tbl_employees, tbl_candidate_resume, tbl_open_roles, tbl_shortlisted_candidates etc.
- **Python** : Parsing the resumes and obtaining the candidate details is done using a python library pyreparser. Other functionalities such as shortlisting candidates, assigning a relevancy score, scheduling interviews for candidates with relevant interviewers are also done with Python.
- **Amazon S3** : S3 holds all the resumes of candidates that have applied for the open roles.
- **AWS** : The application has been hosted on AWS EC2.
- **HTML,CSS & Javascript** : Used to develop the web pages and adding several styles using bootstrap CSS.
- **NLTK** : Natural Language Toolkit is a python package used in the pyreparser package for parsing resumes.

Stages

- 1) Add/View a job role
- 2) Get all candidates
- 3) Shortlist relevant candidates for an open position.
- 4) Get interviewers(from employees) for an open position.
- 5) Assign relevant interviewers to shortlisted candidates.
- 6) Feedback gathering stage.
- 7) Select/ Reject candidate
- 8) Close a job role

Use Cases

Role based access

We have implemented role based access in SmartHire application. There are two specific roles to gain access namely

- Recruiter
- Employee

The recruiter has more functionalities compared to that of an employee.

The various features of the application are described here, along what role based access has been implemented to those functionalities

Recruiter

Add roles : The Recruiters can post the name, requirements(skill sets and years of experience) and the job description of an open role within the organization

Open roles : View the positions which are available, which will help the recruiter to have a consolidated view of all open roles.

Shortlist candidates : From the list of open job roles, clicking on the application button of a job role shortlists and displays all the candidates that are relevant to the selected job role. This is based on matching the candidate skillset and years of experience with the skills and experience required for the open role. A score is assigned to the candidate based on how relevant they are to a specific role, and the candidates are displayed on the portal in descending order of this score. The shortlisted candidates are displayed, along with their skill set, relevancy score, email etc.

Assign Interview : A recruiter can schedule an interview for a shortlisted candidate. This also can be done on the click of a button. The application automatically gets the list of interviewers for a role(based on matching the skills and work experience of the employees with that of the open job role), and assigns the candidate with the most relevant interviewer.

View all candidates : It provides an overall view of all the candidates who have applied for different positions within the organization, their skillset, work experience, education and contact details.

View all employees : This feature helps the recruiter to have a consolidated view of all the employees within the organization, their skillset, work experience along with their current role.

Post a Feedback : The recruiter can post feedback for a candidate after their interview.

View Feedback : The recruiter can also view feedback of all candidates(provided by employees) based on their interview performances.

Close Job role : The recruiter can close a job role once a candidate has been hired for the role and/or if the role is no longer open for recruitment.

Employees

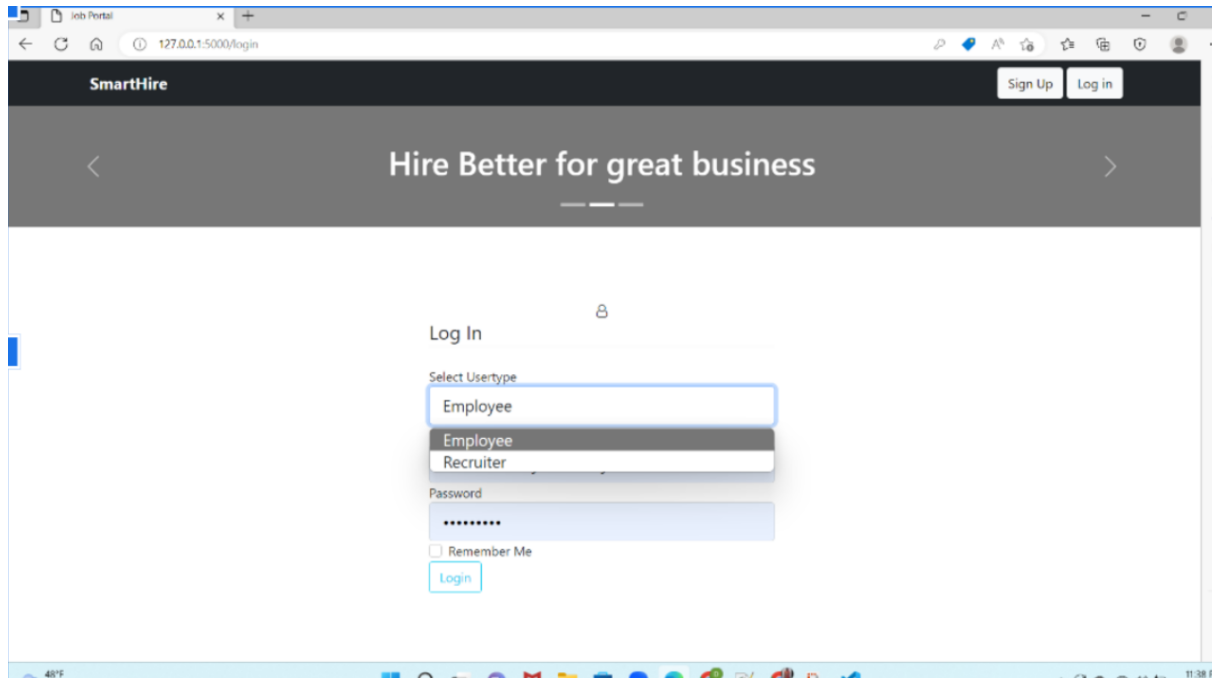
Open roles : The roles which are available along with the information of the shortlisted candidates. The employees can only view the roles and candidates. They cannot add or close job roles, and they cannot shortlist candidates or assign interviews to them.

Post a feedback : An employee can post the feedback of the candidates they interviewed. They cannot view the interview feedback of the candidates.

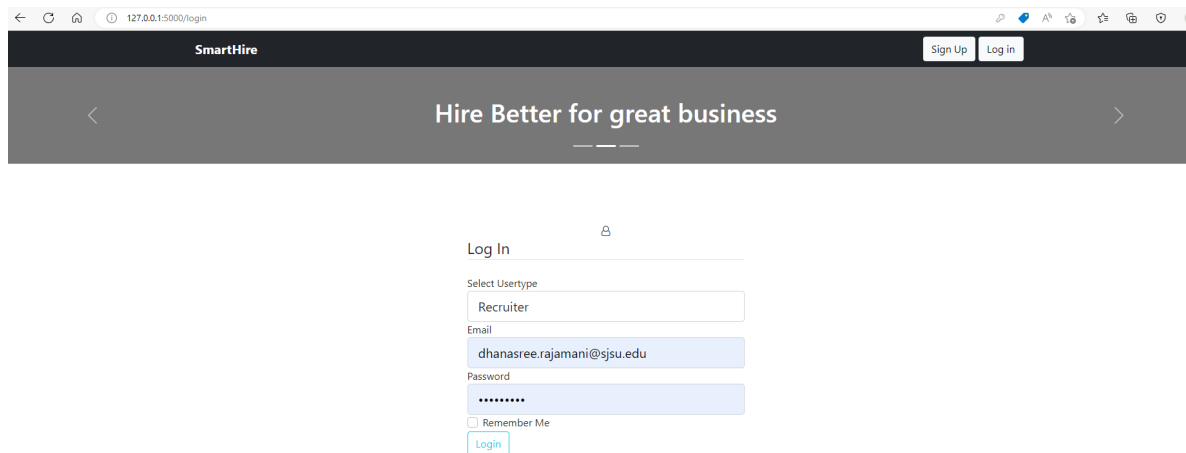
Screenshots of the application

Home page

Log in as Employee or Recruiter



Logging in as Recruiter



View open job roles

SmartHire

Log outPost FeedbackOpen RolesPost a jobView FeedbackView All CandidatesView All Employees

SmartHire

Hiring is Tedious but SmartHire makes it easy

Software Engineer

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

ApplicationsClose Position

Support Engineer

TAC Engineers work on sophisticated and in-depth networking problems requiring strong analytical, problem solving, engineering, and social skills. Engineers will receive continuous technical training along with training in adaptive troubleshooting methodology. In addition to ongoing training, you will have access to the TAC labs with over \$650M in inventory containing all Cisco products. If you're looking for a dynamic, high impact environment where you will directly chip into the success by deploying and applying the latest groundbreaking networking technologies, then this is the role for you! You will see a wide variety of real-world customer networks and be constantly challenged to expand your networking knowledge and ability to solve problems. This position will provide you with the opportunity and the resources to become a true networking expert when combined with your drive and motivation.

ApplicationsClose Position

Data Engineer

To succeed in this data engineering position, you should have strong analytical skills and the ability to combine data from different sources. Data engineer skills also include familiarity with several programming languages and knowledge of learning machine methods.

ApplicationsClose Position

Data Analyst

Interpreting data, analyzing results using statistical techniques Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality Acquiring data from primary or secondary data sources and maintaining databases

ApplicationsClose Position

Senior Data Engineer

Should have SQL experience and handling large databases

ApplicationsClose Position

View All employees

SmartHire

Log outPost FeedbackOpen RolesPost a jobView FeedbackView All CandidatesView All Employees

Hire Better for great business

Ben

Email: Ben@company.com
Current Role: Software Engineer
Work Experience: 3
SkillSet: Python, Java, C++, SQL, Ansible
Education: BE

Alex

Email: Alex@company.com
Current Role: Senior Software Engineer
Work Experience: 4
SkillSet: C++, .Net, Power BI, Shell script, Django
Education: MS

Alice

Email: Alice@company.com
Current Role: Recruiter
Work Experience: 2
SkillSet: CRM Tools, Zoom
Education: MBA

Sam

Email: Sam@company.com
Current Role: Project Manager
Work Experience: 10
SkillSet: Power BI, Tableau, Pandas, Django
Education: MBA

View all candidates

SmartHire		
Log out	Post Feedback	Open Roles
Post a job	View Feedback	View All Candidates
View All Employees		

SmartHire

Hiring is Tedious but SmartHire makes it easy

<div>Name: Sourabh Bajaj</div> <div>Skillset: 'Os', 'Training', 'Algorithms', 'Modeling', 'Portfolio management', 'Apis', 'Teaching', 'Hadoop', 'Access', 'Email', 'System', 'R', 'Testing', 'Rest', 'Engineering', 'Electronics', 'Datasets', 'Github', 'Machine learning', 'Design', 'Sourcing', 'Mobile', 'Analytics', 'Process', 'Tensorflow', 'Research', 'Data collection', 'Edi', 'Computer science', 'Docker', 'Analyze', 'Aws', 'Content', 'Strategy', 'Electrical', 'Forecasting', 'Marketing', 'Python', 'Analysis'</div> <div>Experience in years: 1.92</div> <div>Education: 'Master of Science in Computer Science; GPA: 4.00', 'Bachelor of Engineering in Electrical and Electronics; GPA: 3.66 (9.15/10.0)'</div> <div>Email:sourabh@sourabhbjaj.com</div>	<div>Name: Vijay Sai</div> <div>Skillset: 'Architecture', 'Statistics', 'Javascript', 'Health', 'Mysql', 'Cloud', 'Nltk', 'Shell', 'Css', 'Js', 'Engineering', 'Api', 'Objective-c', 'Html', 'Website', 'Security', 'Money', 'Docker', 'Servers', 'Cisco', 'Aws', 'Content', 'Automation', 'Postgresql', 'Flask', 'C++', 'Hardware', 'C', 'Python', 'Reports', 'Vendors'</div> <div>Experience in years: 0.0</div> <div>Education: on</div> <div>Email:vijaysai@usc.edu</div>	<div>Name: Dhanasree Rajamani</div> <div>Skillset: 'Spark', 'Android', 'Security', 'C#', 'Python', 'Php', 'Logistics', 'Html', '.net', 'Ansible', 'Matlab', 'System', 'Css', 'Pharmaceutical', 'Oracle', 'Pandas', 'Analytics', 'Ibm', 'Javascript', 'C', 'C++', 'Cloud', 'Troubleshooting', 'Word', 'Mining', 'Tableau', 'Inventory', 'Sales', 'Marketing', 'Software engineering', 'Reports', 'Jose', 'Engineering', 'Marketing strategy', 'R', 'Shell', 'Sql', 'Operations', 'Strategy', 'Controls', 'Mobile', 'Mysql', 'Linux', 'Java', 'Brand'</div> <div>Experience in years: 4.17</div> <div>Education: 'Master of Science in Software Engineering', 'PSG College of Technology', 'Master of Science (M.Sc) in Software Engineering', 'San Jose State University'</div> <div>Email:dhanasree.rajamani@sjsu.edu</div>
<div>Name: KESHORE SURYANARAYANAN</div> <div>Skillset: 'Analysis', 'Protocols', 'Mobile', 'Quality standards', 'Calculus', 'Mathematics', 'Iso', 'Programming', 'Reports', 'Communication', 'Excel', 'English', 'Matlab', 'Electronics', 'Tableau', 'C++', 'Algorithms', 'Strategy', 'Marketing', 'Technical', 'Website', 'Content', 'International', 'Cloud', 'Visual', 'Facebook', 'Engineering', 'Sql', 'System', 'Electrical', 'Process', 'Automation'</div> <div>Experience in years: 4.75</div> <div>Education: 'Bachelor of Technology, Electrical & Electronics Engineering'</div> <div>Email:keshore.suryanarayanan@gmail.com</div>	<div>Name: Sravani Thota</div> <div>Skillset: 'Mobile', 'Debugging', 'Java', 'Calculus', 'Jose', 'Troubleshooting', 'Statistics', 'Programming', 'Testing', 'Communication', 'R', 'Health', 'Github', 'Electronics', 'Matlab', 'Python', 'C++', 'Mining', 'C', 'Xgboost', 'Sql', 'Engineering', 'Shell', 'Operating systems', 'System', 'Automation', 'Scripting', 'Research'</div> <div>Experience in years: 0.0</div> <div>Education: on</div> <div>Email:sravani.thota@sjsu.edu</div>	<div>Name: Kloudor</div> <div>Skillset: 'Analysis', 'Budget', 'Forecasting', 'Statistics', 'Keras', 'Segmentation', 'R', 'Reporting', 'Ordering', 'Github', 'Tableau', 'Python', 'Analytical', 'Marketing', 'Scheduling', 'C', 'Sql', 'Aws', 'Numpy', 'Retention', 'Flask', 'Pandas', 'Process', 'Mysql'</div> <div>Experience in years: 0.0</div> <div>Education: on</div> <div>Email:kloudor@email.com</div>

Post a Job opening

SmartHire		
Log out	Post Feedback	Open Roles
Post a job	View Feedback	View All Candidates
View All Employees		

SmartHire

Hiring is Tedious but SmartHire makes it easy

Input Details

Job Title

Years of experience

Skillset

Job Description

Submit

Back

View Open Roles

Clicking on applications here, automatically shortlists relevant candidates for the role
Click on close position closes the role - job role no longer open for recruitment.

SmartHire

Log outPost FeedbackOpen RolesPost a jobView FeedbackView All CandidatesView All Employees

Hire Better for great business

Software Engineer

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

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TAC Engineers work on sophisticated and in-depth networking problems requiring strong analytical, problem solving, engineering, and social skills. Engineers will receive continuous technical training along with training in adaptive troubleshooting methodology. In addition to ongoing training, you will have access to the TAC labs with over \$650M in inventory containing all Cisco products. If you're looking for a dynamic, high impact environment where you will directly chip into the success by deploying and applying the latest groundbreaking networking technologies, then this is the role for you! You will see a wide variety of real-world customer networks and be constantly challenged to expand your networking knowledge and ability to solve problems. This position will provide you with the opportunity and the resources to become a true networking expert when combined with your drive and motivation.

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Data Analyst

Interpreting data, analyzing results using statistical techniques Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality Acquiring data from primary or secondary data sources and maintaining databases

ApplicationsClose Position

Senior Data Engineer

Should have SQL experience and handling large databases

ApplicationsClose Position

View shortlisted candidates for Software engineer role

We can see candidate details, along with their score calculated by the application

SmartHire

Log outPost FeedbackOpen RolesPost a jobView FeedbackView All CandidatesView All Employees

SmartHire better decision

Name: Vijay Sai

Skillset: 'Architecture', 'Statistics', 'Javascript', 'Health', 'Mysql', 'Cloud', 'Nltk', 'Shell', 'Css', 'Js', 'Engineering', 'Api', 'Objective-c', 'Html', 'Website', 'Security', 'Money', 'Docker', 'Servers', 'Cisco', 'Aws', 'Content', 'Automation', 'Postgresql', 'Flask', 'C++', 'Hardware', 'C', 'Python', 'Reports', 'Vendors'

Experience in years: 0.0

Relevance Score: 4

Email:vijaysai@usc.edu

CV / ResumeSchedule Interview

Name: Dhanasree Rajamani

Skillset: 'Spark', 'Android', 'Security', 'C#', 'Python', 'Php', 'Logistics', 'Html', '.net', 'Ansible', 'Matlab', 'System', 'Css', 'Pharmaceutical', 'Oracle', 'Pandas', 'Analytics', 'Ibm', 'Javascript', 'C', 'C++', 'Cloud', 'Troubleshooting', 'Word', 'Mining', 'Tableau', 'Inventory', 'Sales', 'Marketing', 'Software engineering', 'Reports', 'Jose', 'Engineering', 'Marketing strategy', 'R', 'Shell', 'Sql', 'Operations', 'Strategy', 'Controls', 'Mobile', 'Mysql', 'Linux', 'Java', 'Brand'

Experience in years: 4.17

Relevance Score: 4

Email:dhanasree.rajamani@sjsu.edu

CV / ResumeSchedule Interview

Name: Sravani Thota

Skillset: 'Mobile', 'Debugging', 'Java', 'Calculus', 'Jose', 'Troubleshooting', 'Statistics', 'Programming', 'Testing', 'Communication', 'R', 'Health', 'Github', 'Electronics', 'Matlab', 'Python', 'C++', 'Mining', 'C', 'Xgboost', 'Sql', 'Engineering', 'Shell', 'Operating systems', 'System', 'Automation', 'Scripting', 'Research'

Experience in years: 0.0

Relevance Score: 4

Email:sravani.thota@sjsu.edu

CV / ResumeSchedule Interview

Name: Vedanth Lakshman

Skillset: 'Access', 'Modeling', 'C#', 'Reports', 'Spark', 'Python', 'C++', 'Marketing', 'Troubleshooting', '.net', 'System', 'Oracle', 'Matlab', 'Salesforce', 'Software engineering', 'Javascript', 'Sales', 'C', 'Html', 'Security', 'Pandas', 'Analytics', 'Brand', 'Marketing strategy', 'Sql', 'Tableau', 'Ansible', 'Scheduling', 'Mysql', 'Inventory', 'Health', 'Android', 'Engineering', 'Ibm', 'Analyze', 'Java', 'Shell', 'Mining', 'Strategy', 'Linux', 'Css', 'Jose', 'Mobile', 'R', 'Operations', 'Controls', 'Pharmaceutical', 'Cloud', 'Logistics'

Experience in years: 4.17

Relevance Score: 4

Email:vedanth.lakshman@sjsu.edu

CV / ResumeSchedule Interview

<p>Experience Score: 4</p> <p>Email: sravan.thota@sjsu.edu</p> <p>CV / Resume Schedule Interview</p>	<p>Experience Score: 4</p> <p>Email: vedanth.lakshman@sjsu.edu</p> <p>CV / Resume Schedule Interview</p>
<p>Name: Kloudor</p> <p>Skillset: 'Analysis', 'Budget', 'Forecasting', 'Statistics', 'Keras', 'Segmentation', 'R', 'Reporting', 'Ordering', 'Github', 'Tableau', 'Python', 'Analytical', 'Marketing', 'Scheduling', 'C', 'Sql', 'Aws', 'Numpy', 'Retention', 'Flask', 'Pandas', 'Process', 'Mysql'</p> <p>Experience in years: 0.0</p> <p>Experience Score: 3</p> <p>Email: kloudor@email.com</p> <p>CV / Resume Schedule Interview</p>	<p>Name: Sourabh Bajaj</p> <p>Skillset: 'Os', 'Training', 'Algorithms', 'Modeling', 'Portfolio management', 'Apis', 'Teaching', 'Hadoop', 'Access', 'Email', 'System', 'R', 'Testing', 'Rest', 'Engineering', 'Electronics', 'Datasets', 'Github', 'Machine learning', 'Design', 'Sourcing', 'Mobile', 'Analytics', 'Process', 'Tensorflow', 'Research', 'Data collection', 'Etl', 'Computer science', 'Docker', 'Analyze', 'Aws', 'Content', 'Strategy', 'Electrical', 'Forecasting', 'Marketing', 'Python', 'Analysis'</p> <p>Experience in years: 1.92</p> <p>Experience Score: 2</p> <p>Email: sourabh@sourabbajaj.com</p> <p>CV / Resume Schedule Interview</p>
<p>Name: KESHORE SURYANARAYANAN</p> <p>Skillset: 'Analysis', 'Protocols', 'Mobile', 'Quality standards', 'Calculus', 'Mathematics', 'Iso', 'Programming', 'Reports', 'Communication', 'Excel', 'English', 'Matlab', 'Electronics', 'Tableau', 'C++', 'Algorithms', 'Strategy', 'Marketing', 'Technical', 'Website', 'Content', 'International', 'Cloud', 'Visual', 'Facebook', 'Engineering', 'Sql', 'System', 'Electrical', 'Process', 'Automation'</p> <p>Experience in years: 4.75</p> <p>Experience Score: 2</p> <p>Email: keshore.suryanarayanan@gmail.com</p> <p>CV / Resume Schedule Interview</p>	

View Shortlisted candidate Resume

SmartHire

Log out

Post Feedback

Open Roles

Post a job

View Feedback

View All Candidates






View All Employees

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Hire Better for great business

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CV/Resume

				
Dhanasree Rajamani				
https://www.linkedin.com/in/143-603-6114-dhanasree-rajamani/ Chennai, IN				
EDUCATION				
New York University				2016 - Present
Master of Science in Information Technology with Data concentration				Aug 2016 - Present
NYU College of Engineering				2016 - Present
Bachelor of Science (BS) in Software Engineering				2012 - 2017
SKILLS				
<ul style="list-style-type: none"> 1 Languages: Python, Java, C++, C, JavaScript, Shell Script, R, MATLAB, Fortran, C#, SQL 2 Frameworks and Tools: Spring 3.x, Java EE, JSP, JSTL, Struts, JUnit, Selenium, JMeter, Maven, Gradle, Jenkins, Docker, Kubernetes, AWS, Azure, GCP, IBM Cloud, Hadoop, Spark, Hive, Pig, MapReduce, Tez, Ganglia, Graphviz, Cassandra, MongoDB, Redis, Neo4j, Elasticsearch, Solr, HBase, Vertica, Snowflake, Databricks, Tableau, Power BI, QlikView, Alteryx, SAS, R Shiny, Shiny Server, JupyterLab, RStudio, Anaconda, Orange3, Weka, RapidMiner, Orange, Orange3, Orange4, Orange5, Orange6, Orange7, Orange8, Orange9, Orange10, Orange11, Orange12, Orange13, Orange14, Orange15, Orange16, Orange17, Orange18, Orange19, Orange20, Orange21, Orange22, Orange23, Orange24, Orange25, Orange26, Orange27, Orange28, Orange29, Orange30, Orange31, Orange32, Orange33, Orange34, Orange35, Orange36, Orange37, Orange38, Orange39, Orange40, Orange41, Orange42, Orange43, Orange44, Orange45, 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Schedule Interview for a candidate

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SmartHire

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Candidate Name: Dhanasree Rajamani

Role: Software Engineer

Candidate Email: dhanasree.rajamani@sjsu.edu

CV / Resume

Interviewer Name: Alex

Role: Senior Software Engineer

Interviewer Email: Alex@company.com

Close a position

Clicking on close position for senior data engineer, it can no longer be viewed

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Hire Better for great business

Software Engineer

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

ApplicationsClose Position

Data Analyst

Interpreting data, analyzing results using statistical techniques Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality Acquiring data from primary or secondary data sources and maintaining databases

ApplicationsClose Position

Support Engineer

TAC Engineers work on sophisticated and in-depth networking problems requiring strong analytical, problem solving, engineering, and social skills. Engineers will receive continuous technical training along with training in adaptive troubleshooting methodology. In addition to ongoing training, you will have access to the TAC labs with over \$650M in inventory containing all Cisco products. If you're looking for a dynamic, high impact environment where you will directly chip into the success by deploying and applying the latest groundbreaking networking technologies, then this is the role for you! You will see a wide variety of real-world customer networks and be constantly challenged to expand your networking knowledge and ability to solve problems. This position will provide you with the opportunity and the resources to become a true networking expert when combined with your drive and motivation.

ApplicationsClose Position

Senior Data Engineer

Should have SQL experience and handling large databases

ApplicationsClose Position

Data Engineer

To succeed in this data engineering position, you should have strong analytical skills and the ability to combine data from different sources. Data engineer skills also include familiarity with several programming languages and knowledge of learning machine methods.

ApplicationsClose Position

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SmartHire

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ApplicationsClose Position

Provide feedback for candidates

SmartHire

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SmartHire better decision

Add Feedback

Candidate Name

Role

Feedback

Submit Feedback

View all candidates Feedback

Smarthire		Log out	Post Feedback	Open Roles	Post a job	View Feedback	View All Candidates	View All Employees
Hire Better for great business								
Name: Dhanasree Rajamani		CV / Resume		Name: Dhanasree Rajamani		CV / Resume		
Role:None				Role:None				
Feedback: Good				Feedback: Good				
Name: Dhanasree Rajamani		CV / Resume		Name: John Doe		CV / Resume		
Role:None				Role:Software Engineer				
Feedback: Good				Feedback: Very poor performance				
Name: KESHORE SURYANARAYANAN		CV / Resume		Name: KESHORE SURYANARAYANAN		CV / Resume		
Role:Software Engineer				Role:Software Engineer				
Feedback: Excellent!				Feedback: Excellent Communication Skills				
Name: Dhanasree		CV / Resume		Name: Vijay		CV / Resume		
Role:Software Engineer				Role:Software Engineer				
Feedback: Great Python skills!				Feedback: Good coding skills				

Logging in as Employee

Smarthire		Sign Up	Log in
SmartHire better decision			

Log In

Select Usertype

Employee

Email

dhana@smarthire.com

Password

☐ Remember Me

Login

View open roles

SmartHire

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SmartHire

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Software Engineer

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

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Applications

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Interpreting data, analyzing results using statistical techniques Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality Acquiring data from primary or secondary data sources and maintaining databases

Applications

View shortlisted candidates for an open role

SmartHire

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SmartHire

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Name: Vijay Sai

Skillset: 'Architecture', 'Statistics', 'Javascript', 'Health', 'Mysql', 'Cloud', 'Nltk', 'Shell', 'Css', 'Js', 'Engineering', 'Api', 'Objective-C', 'Html', 'Website', 'Security', 'Money', 'Docker', 'Servers', 'Cisco', 'Aws', 'Content', 'Automation', 'Postgresql', 'Flask', 'C++', 'Hardware', 'C', 'Python', 'Reports', 'Vendors'

Experience in years: 0.0

Relevance Score: 2

Email:vijaysai@usc.edu

CV / Resume

Name: Dhanasree Rajamani

Skillset: 'Spark', 'Android', 'Security', 'C#', 'Python', 'Php', 'Logistics', 'Html', '.net', 'Ansible', 'Matlab', 'System', 'Css', 'Pharmaceutical', 'Oracle', 'Pandas', 'Analytics', 'Ibm', 'Javascript', 'C', 'C++', 'Cloud', 'Troubleshooting', 'Word', 'Mining', 'Tableau', 'Inventory', 'Sales', 'Marketing', 'Software engineering', 'Reports', 'Jose', 'Engineering', 'Marketing strategy', 'R', 'Shell', 'Sql', 'Operations', 'Strategy', 'Controls', 'Mobile', 'Mysql', 'Linux', 'Java', 'Brand'

Experience in years: 4.17

Relevance Score: 2

Email:dhanasree.rajamani@sjsu.edu

CV / Resume

Name: Sravani Thota

Skillset: 'Mobile', 'Debugging', 'Java', 'Calculus', 'Jose', 'Troubleshooting', 'Statistics', 'Programming', 'Testing', 'Communication', 'R', 'Health', 'Github', 'Electronics', 'Matlab', 'Python', 'C++', 'Mining', 'C', 'Xgboost', 'Sql', 'Engineering', 'Shell', 'Operating systems', 'System', 'Automation', 'Scripting', 'Research'

Experience in years: 0.0

Relevance Score: 2

Email:sravani.thota@sjsu.edu

CV / Resume

Name: Kloudor

Skillset: 'Analysis', 'Budget', 'Forecasting', 'Statistics', 'Keras', 'Segmentation', 'R', 'Reporting', 'Ordering', 'Github', 'Tableau', 'Python', 'Analytical', 'Marketing', 'Scheduling', 'C', 'Sql', 'Aws', 'Numpy', 'Retention', 'Flask', 'Pandas', 'Process', 'Mysql'

Experience in years: 0.0

Relevance Score: 2

Email:kloudor@email.com

CV / Resume

View shortlisted candidates Resume

A banner image for SmartHire. At the top, there is a dark grey bar with the 'SmartHire' logo on the left and three white buttons with black text: 'Log out', 'Post Feedback', and 'Open Roles'. Below this bar, the background is a light grey. On the left, there is a large 'SmartHire' logo and the tagline 'Hiring is Tedious but SmartHire makes it easy'. On the right, there are three horizontal lines representing a menu or list.

CV/Resume

[illegible]

Post feedback

A dark grey banner for SmartHire. On the left, the SmartHire logo is displayed. To its right, three white buttons with black text are arranged horizontally: "Log out", "Post Feedback", and "Open Roles". Below the logo, the text "Hiring is Tedious but SmartHire makes it easy" is written in white. The banner is flanked by white chevron arrows pointing left and right. At the bottom center, there are three horizontal white lines of varying lengths.

[Add Feedback](#)

Candidate Name

Paul

Role

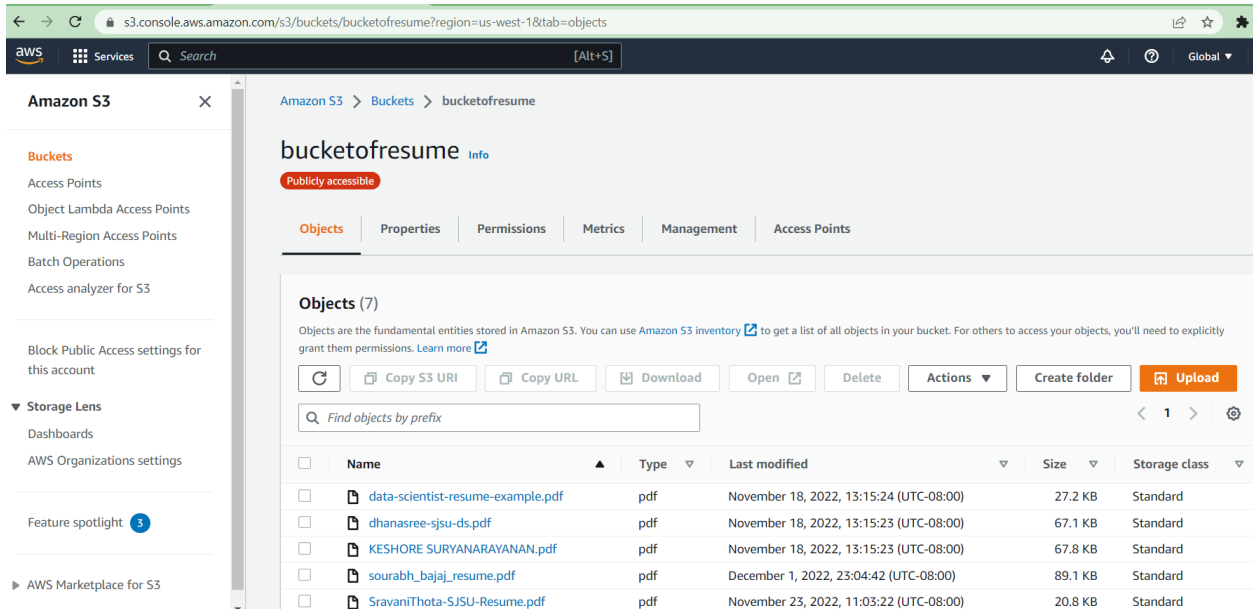
Data engineer

Feedback

Excellent coding skills

[Submit Feedback](#)

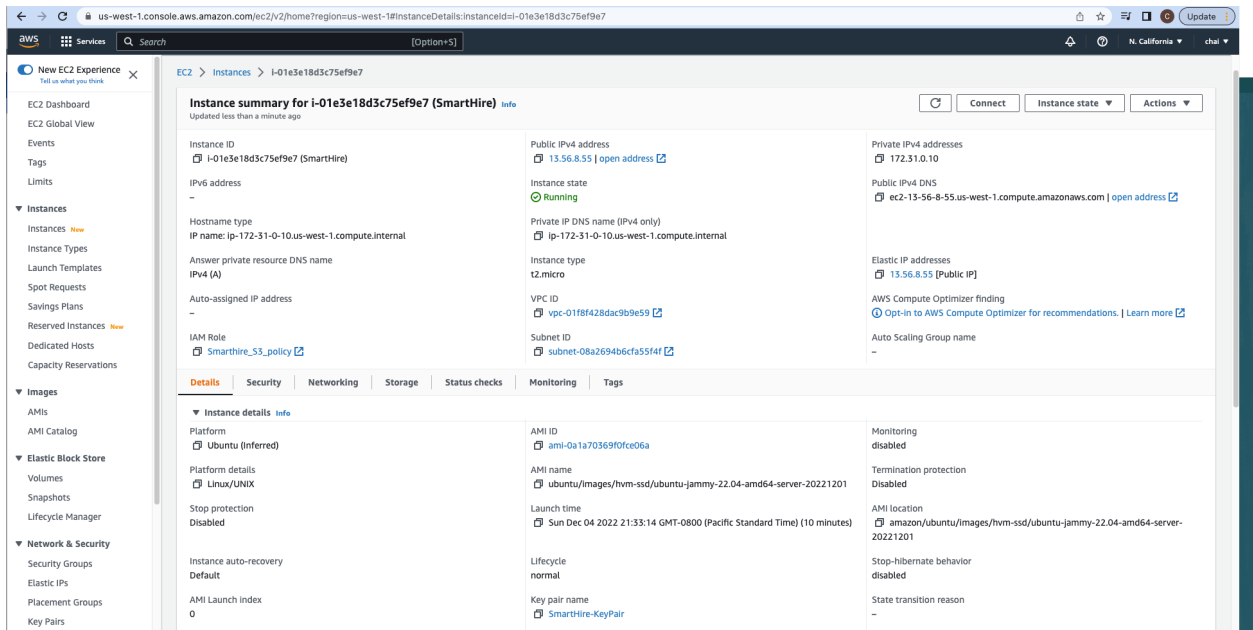
Resumes on S3



The screenshot shows the Amazon S3 console interface. The left sidebar contains navigation options like Buckets, Access Points, and Storage Lens. The main content area displays the 'bucketofresume' bucket, which is publicly accessible. Below the bucket name, there are tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The 'Objects' tab is active, showing a list of 7 objects. Each object is a PDF file, including 'data-scientist-resume-example.pdf', 'dhanasree-sjsu-ds.pdf', 'KESHORE SURYANARAYANAN.pdf', 'sourabh_bajaj_resume.pdf', and 'SravaniThota-SJSU-Resume.pdf'. The table lists the Name, Type, Last modified date, Size, and Storage class for each object.

Name	Type	Last modified	Size	Storage class
data-scientist-resume-example.pdf	pdf	November 18, 2022, 13:15:24 (UTC-08:00)	27.2 KB	Standard
dhanasree-sjsu-ds.pdf	pdf	November 18, 2022, 13:15:23 (UTC-08:00)	67.1 KB	Standard
KESHORE SURYANARAYANAN.pdf	pdf	November 18, 2022, 13:15:23 (UTC-08:00)	67.8 KB	Standard
sourabh_bajaj_resume.pdf	pdf	December 1, 2022, 23:04:42 (UTC-08:00)	89.1 KB	Standard
SravaniThota-SJSU-Resume.pdf	pdf	November 23, 2022, 11:03:22 (UTC-08:00)	20.8 KB	Standard

Application Instance on AWS EC2



The screenshot displays the AWS Management Console for an EC2 instance named 'SmartHire'. The left sidebar shows navigation options like EC2 Dashboard, Events, Limits, and Instances. The main content area shows the 'Instance summary' for the instance 'i-01e3e18d3c75ef9e7'. The instance is in the 'Running' state. Key details include the Instance ID, Public IP address (13.56.8.55), Private IP address (172.31.0.10), Hostname type, IP name, Answer private resource DNS name, Auto-assigned IP address, IAM Role (smarshire_s3_policy), VPC ID, Subnet ID, and Instance type (t2.micro). The 'Details' tab is active, showing the Platform (Ubuntu), Platform details (Linux/UNIX), Stop protection (Disabled), Instance auto-recovery (Default), AMI ID (ami-0a1a70369f0fce06a), AMI name (ubuntu/images/hvm-ssd/ubuntu-jammy-22.04-amd64-server-20221201), Launch time (Sun Dec 04 2022 21:33:14 GMT-0800 (Pacific Standard Time) (10 minutes)), Lifecycle (normal), Key pair name (SmartHire-KeyPair), Monitoring (disabled), Termination protection (Disabled), AMI location (amazon/ubuntu/images/hvm-ssd/ubuntu-jammy-22.04-amd64-server-20221201), Stop-hibernate behavior (disabled), and State transition reason (State transition reason).

Deploying a SmartHire application on AWS EC2

1. SSH into Ubuntu EC2

`ssh -i <your key name>.pem ubuntu@<Public DNS of your EC2>.`

2. Create/Clone Flask application inside EC2

Copied smarthire flask application to EC2 instance using scp command

Installed MYSQL db along with related dependencies and Verified by running
`python app.py`

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ mysql -u root -p db_recruitment < db_recruitment_file.sql
Enter password:
```

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.31-0ubuntu0.22.04.1 (Ubuntu)
```

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Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> use db_recruitment;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

Database changed

```
mysql> select * from tbl_resume_link;
```

ID	Resume_link	Loaded_flag	Candidate_name
28	sourabh_bajaj_resume.pdf	1	Sourabh Bajaj
29	vijaysai.pdf	1	Vijay Sai
30	dhanasree-sjsu-ds.pdf	1	Dhanasree Rajamani
31	KESHORE SURYANARAYANAN.pdf	1	KESHORE SURYANARAYANAN
32	SravaniThota-SJSU-Resume.pdf	1	Sravani Thota
33	data-scientist-resume-example.pdf	1	Kloudor
34	vedanth_resume.pdf	0	NULL

7 rows in set (0.00 sec)

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1/app$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 8.0.31-0ubuntu0.22.04.1 (Ubuntu)
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show tables;
ERROR 1046 (3D000): No database selected
mysql> use db_recruitment;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

Database changed

```
mysql> show tables;
```

Tables_in_db_recruitment
tbl_candidate_resume
tbl_employees
tbl_feedback
tbl_open_roles
tbl_resume_link
tbl_shortlisted_candidates

6 rows in set (0.00 sec)

3. Run Gunicorn WSGI server to serve the Flask Application

```
^C(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1/app$ pip install gunicorn
Collecting gunicorn
  Downloading gunicorn-20.1.0-py3-none-any.whl (79 kB)
    79.5/79.5 KB 1.9 MB/s eta 0:00:00
Requirement already satisfied: setuptools>=3.0 in /home/ubuntu/SmartHire_CMPE272/SmartHire1/venv/lib/python3.10/site-packages (from gunicorn) (59.6.0)
Installing collected packages: gunicorn
Successfully installed gunicorn-20.1.0
```

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ gunicorn -b 0.0.0.0:8000 my_app:smarthire_app --log-level=debug
[2022-12-05 03:00:14 +0000] [5455] [DEBUG] Current configuration:
config: ./gunicorn.conf.py
wsgi_app: None
bind: ['0.0.0.0:8000']
backlog: 2048
workers: 1
worker_class: sync
threads: 1
worker_connections: 1000
max_requests: 0
max_requests_jitter: 0
timeout: 30
graceful_timeout: 30
keepalive: 2
limit_request_line: 4094
limit_request_fields: 100
limit_request_field_size: 8190
reload: False
reload_engine: auto
reload_extra_files: []
spew: False
check_config: False
print_config: False
preload_app: False
sendfile: None
reuse_port: False
chdir: /home/ubuntu/SmartHire_CMPE272/SmartHire1
daemon: False
raw_env: []
pidfile: None
worker_tmp_dir: None
user: 1000
group: 1000
umask: 0
initgroups: False
tmp_upload_dir: None
secure_scheme_headers: {'X-FORWARDED-PROTOCOL': 'ssl', 'X-FORWARDED-PROTO': 'https', 'X-FORWARDED-SSL': 'on'}
forwarded_allow_ips: ['127.0.0.1']
accesslog: None
disable_redirect_access_to_syslog: False
access_log_format: %(h)s %(l)s %(u)s %(t)s "%(r)s" %(s)s %(b)s "%(f)s" "%(a)s"
errorlog: -
loglevel: debug
capture_output: False
logger_class: gunicorn.glogging.Logger
logconfig: None
logconfig_dict: {}
syslog_addr: udp://localhost:514
syslog: False
syslog_prefix: None
syslog_facility: user
enable_stdio_inheritance: False
statsd_host: None
```

```

syslog_facility: user
enable_stdio_inheritance: False
statsd_host: None
dogstatsd_tags:
statsd_prefix:
proc_name: None
default_proc_name: my_app:smarthire_app
pythonpath: None
paste: None
on_starting: <function OnStarting.on_starting at 0x7f9ac4516ef0>
on_reload: <function OnReload.on_reload at 0x7f9ac4517010>
when_ready: <function WhenReady.when_ready at 0x7f9ac4517130>
pre_fork: <function Prefork.pre_fork at 0x7f9ac4517250>
post_fork: <function Postfork.post_fork at 0x7f9ac4517370>
post_worker_init: <function PostWorkerInit.post_worker_init at 0x7f9ac4517490>
worker_int: <function WorkerInt.worker_int at 0x7f9ac45175b0>
worker_abort: <function WorkerAbort.worker_abort at 0x7f9ac45176d0>
pre_exec: <function PreExec.pre_exec at 0x7f9ac45177f0>
pre_request: <function PreRequest.pre_request at 0x7f9ac4517910>
post_request: <function PostRequest.post_request at 0x7f9ac45179a0>
child_exit: <function ChildExit.child_exit at 0x7f9ac4517ac0>
worker_exit: <function WorkerExit.worker_exit at 0x7f9ac4517be0>
nworkers_changed: <function NumWorkersChanged.nworkers_changed at 0x7f9ac4517d00>
on_exit: <function OnExit.on_exit at 0x7f9ac4517e20>
proxy_protocol: False
proxy_allow_ips: ['127.0.0.1']
keyfile: None
certfile: None
ssl_version: 2
cert_reqs: 0
ca_certs: None
suppress_ragged_eofs: True
do_handshake_on_connect: False
ciphers: None
raw_paste_global_conf: []
strip_header_spaces: False
[2022-12-05 03:00:14 +0000] [5455] [INFO] Starting gunicorn 20.1.0
[2022-12-05 03:00:14 +0000] [5455] [DEBUG] Arbiter booted
[2022-12-05 03:00:14 +0000] [5455] [INFO] Listening at: http://0.0.0.0:8000 (5455)
[2022-12-05 03:00:14 +0000] [5455] [INFO] Using worker: sync
[2022-12-05 03:00:14 +0000] [5456] [INFO] Booting worker with pid: 5456
[2022-12-05 03:00:14 +0000] [5455] [DEBUG] 1 workers
[nltk_data] Downloading package stopwords to /home/ubuntu/nltk_data...
[nltk_data] Package stopwords is already up-to-date!
[nltk_data] Downloading package stopwords to /home/ubuntu/nltk_data...
[nltk_data] Package stopwords is already up-to-date!
Connected to MySQL Server version 8.0.31-0ubuntu0.22.04.1
You're connected to database: ('db_recruitment',)

```

4. Use systemd to manage Gunicorn

```

(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo nano /etc/systemd/system/smarthire.service
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ ls
Profile README.md ResumeParser.py __pycache__ app commands.txt db_recruitment_file.sql instance my_app.py requirements.txt sourabh_bajaj_resume.pdf venv vijaysai.pdf
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ pwd
/home/ubuntu/Smarthire_CMPE272/Smarthire1
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo nano /etc/systemd/system/smarthire.service
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo nano /etc/systemd/system/smarthire.service
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo systemctl daemon-reload
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo systemctl start smarthire
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ sudo systemctl enable smarthire
Created symlink /etc/systemd/system/multi-user.target.wants/smarthire.service → /etc/systemd/system/smarthire.service.
(venv) ubuntu@ip-172-31-0-10:~/Smarthire_CMPE272/Smarthire1$ curl localhost:8000

```

5. Run Nginx Web Server to accept and route request to Gunicorn

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ sudo apt-get install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libnginx-mod-http-geoip2 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libnginx-mod-stream-geoip2 nginx-common nginx-core
Suggested packages:
  fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  libnginx-mod-http-geoip2 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libnginx-mod-stream-geoip2 nginx nginx-common nginx-core
0 upgraded, 9 newly installed, 0 to remove and 0 not upgraded.
Need to get 696 kB of archives.
After this operation, 2398 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx-common all 1.18.0-6ubuntu14.3 [40.0 kB]
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-geoip2 amd64 1.18.0-6ubuntu14.3 [11.9 kB]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-image-filter amd64 1.18.0-6ubuntu14.3 [15.4 kB]
Get:4 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-xslt-filter amd64 1.18.0-6ubuntu14.3 [13.7 kB]
Get:5 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-mail amd64 1.18.0-6ubuntu14.3 [45.7 kB]
Get:6 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-stream amd64 1.18.0-6ubuntu14.3 [72.8 kB]
Get:7 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-stream-geoip2 amd64 1.18.0-6ubuntu14.3 [10.1 kB]
Get:8 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx-core amd64 1.18.0-6ubuntu14.3 [482 kB]
Get:9 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx amd64 1.18.0-6ubuntu14.3 [3082 B]
Fetched 696 kB in 0s (11.3 MB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 70851 files and directories currently installed.)
Preparing to unpack .../0/nginx-common_1.18.0-6ubuntu14.3_all.deb ...
Unpacking nginx-common (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-http-geoip2.
Preparing to unpack .../1/libnginx-mod-http-geoip2_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-http-geoip2 (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-http-image-filter.
Preparing to unpack .../2/libnginx-mod-http-image-filter_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-http-image-filter (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-http-xslt-filter.
Preparing to unpack .../3/libnginx-mod-http-xslt-filter_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-http-xslt-filter (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-mail.
Preparing to unpack .../4/libnginx-mod-mail_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-mail (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-stream.
Preparing to unpack .../5/libnginx-mod-stream_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-stream (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-stream-geoip2.
Preparing to unpack .../6/libnginx-mod-stream-geoip2_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking libnginx-mod-stream-geoip2 (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package nginx-core.
Preparing to unpack .../7/nginx-core_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking nginx-core (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package nginx.
Preparing to unpack .../8/nginx_1.18.0-6ubuntu14.3_amd64.deb ...
Unpacking nginx (1.18.0-6ubuntu14.3) ...
Setting up nginx-common (1.18.0-6ubuntu14.3) ...
```

```
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ sudo systemctl start nginx
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ sudo systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable nginx
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ sudo nano /etc/nginx/sites-available/default
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ sudo systemctl restart nginx
(venv) ubuntu@ip-172-31-0-10:~/SmartHire_CMPE272/SmartHire1$ Connection to ec2-18-144-166-103.us-west-1.compute.amazonaws.com closed by remote host.
Connection to ec2-18-144-166-103.us-west-1.compute.amazonaws.com closed.
```

Screenshot of MySQL tables



The table Tbl_candidate_resume contains details of candidates which are taken from Amazon s3, and parsed using python parser and inserted into the table

ID	Candidate_Name	Contact_Email	Contact_phone	Work_Experience	Skill_Set	Education
36	Sourabh Bajaj	sourabh@sourabhajaj.com	123-456-7890	1.92	[Oci, Training, Algorithms, Modeling, Portfolio management, 'Apie, Teaching, 'Hadoop, 'Access, 'Email, 'System, 'R, 'Testing, 'Rest, 'Engineering, 'Electronic...	[Master of Science in Co
37	Vijay Sai	vijaysai@usc.edu	650-387-7029	0	[Architecture, 'Statistics, 'Javascript, 'Health, 'Mysql, 'Cloud, 'Nltk, 'Shell, 'C#, 'J#, 'Engineering, 'Api, 'Objective-C, 'Html, 'Website, 'Security, 'Money, 'Dock...	None
38	Dhanasree Rajamani	dhanasree.rajamani@csju.edu	323-423-6501	4.17	[Spark, 'Android, 'Security, 'C#, 'Python, 'Php, 'Logistics, 'Html, '.net, 'Ansible, 'Matlab, 'System, 'C#, 'Pharmaceutical, 'Oracle, 'Pandas, 'Analytics, 'Tbn, '...	[Master of Science in Sol
39	KESHORE SURYANARAYANAN	keshore.suryanarayanan@gmail.com	9189397717	4.75	[Analysis, 'Protocols, 'Mobile, 'Quality standards, 'Calculus, 'Mathematics, 'Iso, 'Programming, 'Reports, 'Communication, 'Excel, 'English, 'Matlab, 'Electronics, '...	[Bachelor of Technology
40	Sravani Thota	sravani.thota@csju.edu	019 2018	0	[Mobile, 'Debugging, 'Java, 'Calculus, 'Jose, 'Troubleshooting, 'Statistics, 'Programming, 'Testing, 'Communication, 'R, 'Health, 'Github, 'Electronics, 'Matlab, '...	None
41	Klondor	klondor@gmail.com	456-7890	0	[Analysis, 'Budget, 'Forecasting, 'Statistics, 'Keras, 'Segmentation, 'R, 'Reporting, 'Ordering, 'Github, 'Tableau, 'Python, 'Analytical, 'Marketing, 'Scheduling, '...	None
42	Vedanth Lakshman	vedanth.lakshman@csju.edu	323-423-6501	4.17	[Access, 'Modeling, 'C#, 'Reports, 'Spark, 'Python, 'C++, 'Marketing, 'Troubleshooting, '.net, 'System, 'Oracle, 'Matlab, 'Salesforce, 'Software engineering, '...	[Master of Science (M.Sc

Project Presentation slides

https://docs.google.com/presentation/d/1_atotPp6-5P4ZGn7f9E-tSzltw4UQhUfww4nnUeBNLY/edit?usp=sharing

Milestones

1. Set up Backend(SQL and Amazon S3) - Sep 2022
2. Front end home page - Oct 2022
3. Extracting keywords for skills from the resume, add to SQL table - Oct 2022
4. Role based access for Data security - SQL - Oct 2022
5. Feature - post open jobs score candidate based on relevance to role - Oct 2022
6. Associated UI and backend changes - Oct 2022
7. Feature - shortlist candidates - Oct 2022
8. Associated UI and backend changes - Oct 2022
9. Feature - get relevant interviewers - Nov 2022
10. Associated UI and backend changes - Nov 2022
11. Feature - Add interview feedback and view feedback- Nov 2022
12. Associated UI and backend changes - Nov 2022
13. Feature - schedule interview and close job - Nov 2022
14. Associated UI and backend changes - Nov 2022
15. End-to-end Testing - Nov 2022
16. Project Hosting and Completion - Dec 1 2022

References

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<https://www.nltk.org/>

<https://getbootstrap.com/docs/4.1/components/navbar/>

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