

JASON SANJAY

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SKILLS

Engineering

- **Devops and Cloud** - AWS, Jenkins, SonarQube, Docker, Bash scripting, Python automation, boto3, Containerization, Virtual box, linux
- **Data analytics** - Python(Pandas, numpy, scikit, bokeh, plotlib), SQL, PowerBI, ETL
- **Web Client Development** - HTML, CSS, Javascript, Bootstrap, PHP
- **Infrastructure** - Container based environments, Cloud service providers including AWS and GCP
- **Editing** - Adobe Photoshop, Illustrator, Premier Pro, InDesign, AfterEffect

General

- **Language Skills** - Native Tamil Speaker, Fluent in English, Intermediate in Malayalam
- **Soft Skills** - Problem Solving, Communication, Teamwork, Leadership, Time Management, Critical Thinking, Adaptability, Decision Making, Creativity, Interpersonal Skills

EDUCATION

Vel Tech Rangarajan Dr.Sagunthala RD Institute of Science and Technology

Bachelor of Computer Engineering Specialisation in AI and Data analytics

08.2020-05.2024

- Minored in Computer science and Technology
- Passed out with cGGPA score of 8.16
- No arrears and Backlogs

EXPERIENCE

GaoTek

New York, USA

Associate DevOps Engineer

Apr 2024 -

- Collaborated with team leads and senior engineers to support the development and deployment of eCommerce website features, including product links, descriptions, and key page designs such as the contact and product listing pages.
- Implemented AJAX for real-time search suggestions, significantly enhancing user experience and interactivity.
- Applied responsive design principles using CSS media queries to ensure optimal site performance and accessibility across a diverse range of devices.
- Utilized Adobe Photoshop and Illustrator for the creation and optimization of product images, improving visual quality and user engagement.
- Implemented comprehensive SEO strategies to boost site visibility, drive traffic, and enhance search engine rankings.

DevOps Responsibilities:

- Assisted in the automation of deployment processes using tools such as Jenkins and GitLab CI/CD, ensuring streamlined integration and continuous delivery of updates.
- Contributed to infrastructure setup and management using AWS, Azure, and GCP, including server provisioning, configuration management, and environment monitoring.
- Deployed and managed monitoring tools like Prometheus and Grafana to maintain system reliability, quickly identify issues, and perform root cause analysis.
- Worked closely with development and operations teams to optimize workflows, improve deployment pipelines, and ensure seamless integration of new features.

- Created and maintained detailed documentation for deployment processes, system configurations, and troubleshooting procedures, enhancing team knowledge and operational efficiency.

Automated Bot

Chennai, Tamil Nadu

Self developed bot for DevOps

Jul 24 - Jun 24'

- Developed a sophisticated Python bot to automate the job application process on LinkedIn, leveraging Selenium for robust web automation and browser interaction.
- Designed and implemented an automated login system using saved cookies to streamline session management and ensure persistent user authentication.
- Engineered the bot to dynamically generate and handle job URLs based on specific search criteria, facilitating targeted job applications with minimal manual intervention.
- Implemented advanced state management to handle various job application statuses, including tracking application progress and providing real-time feedback on application outcomes.
- Optimized the bot's performance to apply for up to 100 jobs within 19 minutes, employing efficient scripting techniques to maximize throughput and reduce execution time.
- Deployed the bot on AWS infrastructure, ensuring continuous, 24/7 operation and seamless job application automation. Configured environment settings and monitoring tools to maintain operational reliability and performance.
- Incorporated exception handling and logging mechanisms to enhance the bot's robustness, enabling effective troubleshooting and maintenance of the automated job application process.

Spering - Freelancing Website

Tenkasi, Tamil Nadu

Self developed DevOps, GitOps Project

Jul 24 - Aug 24'

- Created a fully interactive and functional website using HTML, CSS and Javascript. Used Bootstrap for cross platform compatibility and Jquery for event handling and animation in Javascript
- Pushed the code and files to GitHub repository.
- Created an instance in AWS to run the Jenkins server for Continuous integration so that when ever a change is committed in the code, the new code is shown into the server
- Continuous Integration: Set up an instance in AWS to run the Jenkins server for Continuous Integration (CI). Configured Jenkins to automatically build and deploy the application whenever changes are committed to the GitHub repository. Created Jenkins pipelines using Bash scripts to automate the build, test, and deployment processes, ensuring smooth integration of code changes.
- Code Quality and Security: Integrated SonarQube into the Jenkins pipeline to perform static code analysis and detect potential bugs and security vulnerabilities in the codebase.
- Containerization: Containerized the application using Docker to ensure consistency across development and production environments. Wrote Dockerfiles for the application and managed the images using Docker Hub.
- Utilized Bash and Python scripts to automate various tasks, such as environment setup, application deployment, and monitoring. Developed Python scripts for custom automation tasks, enhancing the efficiency of the CI/CD pipeline. Then Deployed and managed AWS resources, including EC2 instances for hosting Jenkins and the application, ensuring high availability and scalability. [\(Git\)](#)

TCA Softwares

Chennai, Tamil Nadu

Developer Intern

Jan 24 - Apr 24'

- I was a part of the team that developed a fully functional e-commerce website for an US client where he sells organic farmed products and poultry. By meticulously integrating HTML, CSS, JavaScript, PHP, ReactJS, and Node.js, We crafted a feature-rich e-commerce website that delivers exceptional performance, scalability, and security while providing an immersive shopping experience for users
- Utilized PHP for secure payment gateway integration, prioritizing transaction integrity. Employed responsive design to optimize crossdevice usability, adhering to accessibility standards. Employed responsive design principles for optimal viewing across devices. Incorporated SEO techniques to enhance visibility

Portfolio Website (Personal Website Project)

Developer

Jan 24 - Feb 24'

- I developed a robust portfolio application using HTML, CSS and Javascript for frontend interactivity and state management, employing Redux for complex state handling. Leveraged modern UI frameworks like MaterialUI for sleek design and responsiveness.
- Integrated smooth scrolling and animations for enhanced user experience. Utilized Git for version control and deployed the site on a reliable hosting platform like GitHub Pages or Netlify. [\(Website\)](#)

FPL Points prediction

Data Analyst

Jan 24 - May 24'

- I engineered an FPL (Fantasy Premier League) prediction model using Python, employing machine learning libraries such as scikitlearn. Did predictive and exploratory data analysis using pre existing data. Improved the accuracy from 63
- Used seaborn library in python for plotting the data, later used PowerBI for better visualisation for simpler representation while handling complex data in the backend.
- Evaluated model efficacy via cross-validation and fine-tuned hyper-parameters for enhanced accuracy and performance. [\(Git\)](#)

Weather App

Minor Project at Vel Tech University

May 23 - Aug 23'

- I engineered a weather application with React.js for frontend and Node.js for backend functionalities. Leveraged React.js to create a dynamic and responsive user interface, enabling users to input locations and retrieve weather forecasts.
- Implemented error handling to ensure smooth user experience and provided informative error messages for invalid inputs or API failures. Deployed the application on platforms like Heroku for global accessibility. This project showcases my proficiency in fullstack development using modern technologies

CERTIFICATIONS

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| • NPTEL - Joy of computing using Python | 2022 |
| • NPTEL – introduction to industry 4.0 and industrial Internet of things | 2022 |
| • Upgrad – Full Stack Development 101 | 2023 |

ACHIEVEMENTS

- Captained My College Football team to win University Championship for the first time in 12 years.
- Played in the U-17 Tamil Nadu State Football Team.
- Learnt basic German and Mandarin In 2 months