

Chintala Charan Sai

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Profile

Motivated B.Tech graduate with a strong foundation in Python, SQL eager to launch a career in Software Engineer roles. Skilled in Programming languages like Java, Python, SQL and hands-on experience in cloud platforms like AWS (EC2, S3, and RDS...) & Hostinger. Enthusiast about gaining practical experience in Software Engineering.

Skills

Programming Languages — Python, java
Operating System — Linux, Unix
Frontend — HTML, CSS, Javascript, ReactJS
BackEnd — MySQL, MongoDB, RestAPI, NodeJs
Cloud Platform — AWS (EC2, S3,RDS,Lambda...)
Version Control — Git, GitHub

Professional Experience

GreatHire - Software Developer ↗ 2025/02 | Remote, India
• Followed Agile methodology, conducted code reviews ensuring high-quality and maintainable code.
• Developed and deployed the GreatHire.in platform on Hostinger cloud, significantly reducing website downtime by 30%.
• Managed and maintained a database containing 100,000+ records, ensuring data integrity, efficient indexing, and optimized query performance for high-traffic applications.
• Developed a comprehensive Employee and Intern verification Project , enhancing platform security and user experience.

Infispec Innovations - AWS Solutions Architect 2024/04 – 2024/07 | Tirupati, India
• Deployment of a scalable web application on AWS, leveraging Amplify for front-end hosting.
• Reduced the website downtime by 40% by using the AWS Amplify services.
• Played a pivotal role in optimizing scalability, reliability, and performance of the e-commerce platform by leveraging AWS cloud technologies, particularly AWS Amplify.
• Integrated serverless components (Lambda) to optimize cost and performance, while maintaining robust security.

Projects

Virtual HR Coach – AI-Powered HR Recruiter Web App 2025/05
https://github.com/charansai1432/VirtuHR-Coach-

Tech Stack: TypeScript, React.js, Tailwind CSS, Google Gemini API,(onrender Deployment)
Developed an AI-powered HR scenario roleplay platform that simulates recruiter interviews using voice-based interaction.
Integrated Google Gemini API to power contextual and conversational AI responses tailored to HR interview scenarios.
Built a TypeScript-based React frontend with dynamic routing, form handling, and Tailwind CSS for a clean UI/UX.

web link- <https://virtuhr-coach-1.onrender.com/> ↗

Multi-Tier Application on Docker Swarm 2024/02 – present
https://github.com/charansai1432/Docker-Project
• Deploying a resilient multi-tier web application leveraging Docker Swarm orchestrates seamless scalability, fault tolerance.
• Containerized services ensure consistent deployment across nodes, fostering a dynamic and easily-managed infrastructure.
• Docker Swarm's declarative approach streamlines orchestration, promoting a robust and professional deployment process.

Fortune Teller Application ↗ 2024/01
https://github.com/charansai1432/AWS-PROJECTS
• Developed a serverless architecture using AWS Lambda & API Gateway, eliminating the need for traditional backend infrastructure.
• Integrated Postman API testing to validate endpoints, ensuring data consistency and error-free request handling.
• Reduced operational costs by 50% by leveraging AWS's serverless services.
• Enabled logging and monitoring using AWS CloudWatch, setting up alarms for real-time error detection and resolution.

Education

B. Tech in Computer Science and Engineering 2021/12 – 2025/05
Annamacharya Institute of Technology and Sciences
CGPA: 8.43

Intermediate 2019 – 2021
Narayana Junior College - MPC
Percentage - 94%

Certificates

AWS Certified Solutions Architect – Associate ↗ **Microsoft Certified: Azure Administrator Associate** ↗
Network Defense Essentials - EC council **Microsoft certified: C# Language**
EC-Council