Chintala Charan Sai

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🐙 www.github.com/charansai1432 ⚡ https://leetcode.com/u/chintala-charan-sai/ 🔗 https://charansai890.netlify.app/

Profile

Motivated B.Tech graduate with a strong foundation in Java, Python, SQL eager to launch a career in Software Engineer roles. And certified in **(AWS SAA-C03)** Multi Cloud and 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. and solved 60+ problems on leetcode.

Education

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

Skills

Programming Languages
Python, java

Core CS: Data Structures & Algorithms

Database
SQL(MySQL)

Web Development
HTML,CSS, React js, Typescript

containerization
Docker

Iac-(Infrastructure as a code)
Terraform

Leetcode Programming:
LeetCode – 60+ problems solved

Framework
Spring boot, Hibernate, JDBC, Servlets

API Development
Restful API's

Cloud Platform
AWS (**EC2, S3,RDS,Lambda,Redshift**), Azure

Version Control
Git, GitHub

Continuous Integration and Continuous Delivery (CI/CD)
Jenkins

Software Engineering Practices:
Agile

NoSQL Database
MongoDB

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/ ⎘

Image Object Detection and Recognition - AI ⎘   2025/02 – present
- Developed and deployed scalable, secure cloud-based applications, integrating advanced computer vision models using frameworks like PyTorch and OpenCV, ensuring high precision and efficiency in real-world scenarios.
- Built and optimized large-scale data pipelines with Spark/PySpark on cloud platforms, enabling efficient processing, analysis, and visualization.
- Managed the full ML lifecycle—from data collection and preprocessing to model training, deployment, and feedback-supporting continuous performance improvement and operational efficiency.

Certificates

AWS Certified Solutions Architect – Associate ⎘   **Microsoft Certified: Azure Administrator Associate** ⎘

Network Defense Essentials - EC council   **Microsoft certified: C# Language**
EC-Council