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 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.

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%

Skills

Programming Languages
Python, java

Operating System
Linux, Unix

Database
SQL(MySQL)

API Development
Restful API's

Version Control
 Git, GitHub

Framework
Spring boot, Hibernate, JDBC, Servlets

Object-Oriented Programming & Design:
OOP Concepts: Encapsulation, Inheritance, Polymorphism, Abstraction

Cloud Platform
AWS **(EC2, S3,RDS,Lambda...)**

Web Development
HTML,CSS, Java Script

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 ⬀

Network Defense Essentials - EC council
EC-Council

Microsoft Certified: Azure Administrator Associate ⬀

Microsoft certified: C# Language