Mohammed Saif

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github.com/MohammedSaifAkkiwat

Professional Summary

Final-year CSE student skilled in Java, Spring Boot, and DSA, with experience building scalable backend and ML/blockchain-based applications using CI/CD workflows.

Education

Vellore Institute of Technology   Vellore, TN
B.Tech in *Computer Science and Engineering*, CGPA: 8.2   *Sept. 2022 – Present*

Geetanjali Olympiad School   Bangalore, KA
Class 12th   *May 2020 – April 2022*

Fusco's School (ICSE)   Bangalore, KA
Class 10th   *Jul. 2014 – May 2020*

Skills

Languages: Java(Core, Collections, Streams), Python, C/C++, JavaScript, Solidity, HTML, CSS
Frameworks & Libraries: Spring Boot, FastAPI, Flask, React, Node.js, TensorFlow, Keras, Scikit-learn, OpenCV, Truffle, Web3.py, PyTorch
Developer Tools & Platforms: Maven, Jenkins, Git, GitHub, Ganache, Docker, GCP, AWS, Hardhat
Databases: SQL, NoSQL, MongoDB
Concepts: Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Generative AI, Operating Systems, Computer Networks, Database Management Systems, Compiler Design, Software Engineering, RESTful API Design, System Design, Unit Testing, CI/CD Pipeline, Agile/Scrum, Debugging

Experience

Software Intern
MLeapTech Mobley Private Limited | Remote   Jun 2025 - Jul 2025
- Supported **backend development** by implementing **CRUD APIs** and optimizing **SQL queries**, improving overall **system performance by 20%**.

Projects

Blockchain-Secured Malicious Client Detection Model | *Solidity, Python, Truffle, Ganache, Web3py, PyTorch, Scikit-learn, Nodejs, GitHub Actions (CI/CD)*
- Developed a **blockchain-integrated** detection system improving client fraud identification **accuracy by 90%** using lightweight **ML models**.

F1 Racer Performance Manager - Backend API | *Java, Spring Boot, MySQL, REST*
- Built a **Spring Boot** backend with **CRUD** and analytics **APIs** across **3 entities**, **processing 1000+ race records** with optimized **JPA queries**.

Beneath the Waves: Coral Reef Analysis | *Python, Flask, Tensorflow/Keras, OpenCV, Pandas, Matplotlib, Seaborn*
- Designed **CNN-based** coral species classifier with **85%+ accuracy**, automating analysis workflows and **reducing manual effort by 70%**.

Certifications

Artificial Intelligence using Google Colab
SmartInternz
- Hands-on AI/ML development with Flask deployment, covering supervised and unsupervised learning models.

Generative AI Development with Gemini
Google Skills Boost
- Built multimodal generative AI applications integrating RAG, SDLC, and cloud-based DevOps workflows.