Aarav Sharma

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Professional Summary

A skilled Machine Learning Engineer and Full Stack Developer with 3 years of experience in developing AI-driven solutions and web applications. Proficient in Python, Java, React, SQL, and AWS, with a strong background in machine learning, data analysis, and software engineering. Passionate about leveraging technology to solve real-world problems, with a focus on scalable and efficient systems.

Skills

- **Programming Languages**: Python, Java, JavaScript, SQL, HTML/CSS
- **Frameworks & Tools**: TensorFlow, React, Node.js, Docker, Selenium, AWS, Figma
- **Concepts**: Machine Learning, Data Analysis, Full Stack Development, Cloud Computing, Agile Methodologies
- **Soft Skills**: Problem-solving, Team Collaboration, Project Management

Professional Experience

Machine Learning Engineer

Tech Innovations Pvt Ltd, Bangalore | *June 2022 – Present*

- Developed ML models using Python and TensorFlow to improve predictive analytics, achieving a 15% increase in accuracy for client projects.
- Led a project to integrate AWS infrastructure for scalable model deployment, reducing latency by 20%.
- Collaborated with data scientists to analyze large datasets with SQL and Python, identifying key trends for business insights.
- Mentored interns on machine learning concepts, focusing on practical applications in real-world projects.

Software Engineer

CodeWorks India, Hyderabad | *July 2021 – May 2022*

- Built full-stack web applications using Java, React, and Node.js, delivering 3 client projects ahead of schedule.
- Designed and implemented backend APIs with Java and Node.js, improving system performance by 25%.
- Conducted automated testing with Selenium, ensuring 95% test coverage for critical features.

- Worked in an Agile team to develop user-friendly interfaces with React and HTML/CSS, enhancing user engagement by 30%.

Data Analyst Intern

DataCorp India, Mumbai | *Jan 2021 – June 2021*

- Analyzed datasets using SQL and Python to provide actionable insights, contributing to a 10% increase in operational efficiency.
- Utilized AWS for data storage and processing, streamlining workflows for the data team.
- Created visualizations with Excel and Python to present findings to stakeholders, improving decision-making processes.

Education

Bachelor of Technology in Computer Science
Indian Institute of Technology, Delhi | 2017 – 2021

- Relevant Coursework: Machine Learning, Data Structures, Cloud Computing, Software Engineering
- Final Year Project: Developed an AI-based recommendation system using Python and TensorFlow.

Projects

Predictive Analytics Dashboard

- Built a full-stack dashboard using React, Node.js, and Python to predict sales trends with machine learning.
- Deployed on AWS, ensuring scalability and real-time data processing.
- Keywords: ML, AWS, React, Python, Full Stack.

Job Matching Web App

- Developed a web application using JavaScript, React, and HTML/CSS to match CVs with job listings.
- Integrated backend with Node.js for efficient data processing and API handling.
- Keywords: Full Stack, React, JavaScript, Backend.

Certifications

- AWS Certified Solutions Architect – Associate (2023)
- TensorFlow Developer Certificate (2022)
- Certified ScrumMaster (CSM) (2021)

Keywords for Matching

Machine Learning, Data Science, Software Engineering, Full Stack Development, Python, Java, React, SQL, AWS, TensorFlow, Node.js, Remote, Bangalore, Hyderabad, Mumbai, Agile, Cloud Computing