

SHAFI MOHAMMAD

Andhra Pradesh, India

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Linkedin

Github

Leetcode

TECHNICAL SKILLS

Programming Languages: Java (OOP Principles, Data Structures, Algorithms), Python

Web Technologies: HTML, CSS, JavaScript, WordPress

Databases: MySQL, PostgreSQL, SQL, Firebase

Version Control Systems: Git, GitHub, GitHub Actions

DevOps Tools: Docker

ServiceNow Platform

EDUCATION

Pragati Engineering College

06 2022 – 06 2026

Bachelor's Degree in Computer Science Engineering - CGPA - 8.8

kakinada, india

Narayana Junior College

06 2020 – 04 2022

State Board - PCM - Percentage - 86%

kakinada, India

PROJECTS

Student Academic Automation Using ServiceNow | ServiceNow, JavaScript, SQL, Reporting **2025**

- Developed and maintained a ServiceNow-based academic data management system with **MySQL database integration**, automating student result notifications and reporting workflows.
- Wrote **clean, efficient, and well-documented JavaScript code** using Flow Designer to automate email notifications to students and parents based on academic outcomes.
- Debugged and troubleshooted issues in existing application workflows while developing dynamic performance reports for manual analysis and decision-making.
- Collaborated with team to gather requirements and contributed to technical solutions using ServiceNow modules: Business Rules, Client Scripts, Update Sets, Number Maintenance, and Access Control.
- Participated in code reviews to ensure quality and best practices in workflow automation, ServiceNow data modeling, and system integration.

Btech Babai | Firebase Database, HTML, CSS, JavaScript

2024

- Developed and maintained a **Java-based full-stack web application** to provide essential academic resources and course materials, addressing a common problem faced by students.
- Wrote **clean, efficient, and well-documented HTML, CSS, and JavaScript code** implementing responsive design with user-friendly interface.
- Applied **OOP principles** integrating **Firebase database** for real-time data management and planning to implement a chatbot for student support.
- [Live site here](#)

Predicting Stroke Risk Using Machine Learning | Java, Python, MySQL, Data Structures

2024

- Developed and maintained **Java applications** using **OOP principles and data structures** to assess stroke risk by analyzing patient demographics, lifestyle factors, and medical history.
- Applied **Java frameworks and tools** performing data preprocessing with **algorithms**, including handling missing values, encoding categorical features, and addressing class imbalance.
- [GitHub Repository](#)

GenArtQuote | JavaScript, OpenAI API, Unsplash API

2023

- Developed **Java-based web application** with **clean, efficient, and well-documented code** that generates personalized poetic quotes and fetches background images based on user inputs.
- Applied **problem-solving skills** integrating OpenAI API for dynamic text generation and Unsplash API with comprehensive **debugging and troubleshooting** to fetch visually relevant background images.
- [GitHub Repository](#)

INTERNSHIP

Infosys Intern

October-December 2024

Machine Learning Intern

Remote

- Collaborated with **cross-functional development team** of 20 members to explore data analytics, data visualization, and machine learning fundamentals.
- Developed **strong problem-solving skills, communication and teamwork abilities** through group projects and technical discussions.
- Applied **Java technologies, frameworks, and tools** working on **"Stroke Patient Healthcare using Deep Learning"** project, building and presenting the solution to senior Infosys employees.

Hackboats Intern

July - September 2023

Product Engineer Intern

Hyderabad, India

- Gained **internship and project experience in Java development** including robotics, microcontrollers, and Java/Python programming for automation projects.
- Assisted in **developing and maintaining Java applications** leveraging microcontrollers and embedded systems for real-world applications with comprehensive **debugging and troubleshooting**.
- Demonstrated **strong communication and teamwork abilities**, recognized for contributions and promoted to mentor and core team member.

Technical Mentor and Programming Trainer

2023-2024

Self-Employed

Remote / Offline

- Mentored students and professionals in **Java, OOP principles**, Python, C, and web technologies, strengthening technical knowledge and problem-solving skills.
- Designed structured learning modules focusing on **Java frameworks and tools, clean coding practices** that improved learners' coding proficiency and **willingness to learn**.

CERTIFICATIONS

ServiceNow Certified System Administrator (CSA)

ServiceNow Certified Application Developer (CAD)

Java Programming – GalileoX (Progra001), edX

Crash Course on Python – Google (Coursera), Grade: 94.37%

IBM Watson Certificate – IBM SkillsBuild

EXTRACURRICULAR

Achievements and Contributions

- First prize, college tech innovation exhibition.
- Core team, Google Developer Student Clubs (GDSC).
- Top Hacktoberfest 2023 contributor.
- Tree Nation contributor; tree planted for open-source work.
- Mentored 100+ contributors, boosted GSSoC'24 completion by 30%.
- Volunteered as programming tutor for juniors.
- Active in college coding and robotics clubs.