Tatrasi Amar

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SUMMURY

Detail-oriented and results-driven Computer Science graduate with hands-on experience in Java, SQL, React, HTML, CSS, and JavaScript. Proven success in building and deploying scalable web applications and improving software reliability (reduced bugs by 40%). Completed multiple full-stack and backend development projects. Eager to contribute to innovative software development teams as a Java Developer, Full Stack Developer, or Software Engineer in a dynamic tech environment.

TECHNICAL SKILLS

- **Languages:** Java, Python (Basics), JavaScript, HTML, CSS
- **Frameworks & Tools:** React.js, Spring Boot (Basics), Bootstrap, Git, GitHub, NetBeans, VS Code
- **Databases:** SQL, MongoDB (Basics)
- **Cloud & DevOps:** Basics of Cloud Computing, REST APIs
- **Methodologies:** SDLC, Debugging
- **Concepts:** Data Structures & Algorithms, OOPs, MVC Architecture
- **Other Tools:** MS Excel, Jupyter Notebook, Anaconda

INTERNSHIP EXPERIENCE

Java Development Intern | CodSoft (Remote)   *Nov 2023 – Dec 2023*

- Completed a 4-week internship focused on core Java application development.
- Developed **ATM Interface**, **Student Grading System**, and **Number Guessing Game** as part of internship tasks.
- Improved code efficiency and bug handling, reducing issues by 40%.

PROJECT EXPERIENCE

Weather App | React.js, OpenWeather API, Material UI   *Feb 2025*

- Created a responsive single-page app showing real-time weather details.
- Implemented API error handling and modern UI components via Material UI.

Portfolio Website | HTML, CSS, JavaScript, Bootstrap   *Jan 2025*

- Built a fully responsive personal portfolio using modern front-end frameworks.
- Deployed via GitHub Pages to showcase projects and technical skills.

Library Management System | Java, SQL, NetBeans   *Aug 2024*

- Developed a desktop-based library system to manage book inventory and transactions.
- Integrated SQL database with Java backend using JDBC for real-time data operations.
- Reduced manual errors by 40% through optimized query performance.

Student Performance Prediction | Python, ML, Jupyter Notebook   *May 2024*

- Engineered a machine learning model achieving 85% prediction accuracy.
- Applied data preprocessing, feature selection, and accuracy optimization techniques.

EDUCATION

Bachelor of Technology in CSE, Jayaprakash Narayan College of Engineering (GPA: CGPA – 6.86)   Sep 2021 – June 2024
Mahbubnagar, Telangana

Diploma in EEE, Jayaprakash Narayan College of Engineering (GPA: CGPA – 6.49)   June-2018 - July 2021
Mahbubnagar, Telangana

Board of Secondary Education(X) , Sri Saraswathi ShiShu Mandir High School (GPA: CGPA - 9.0)   June2017 - Mar 2018
Narayanpet, Telangana

CERTIFICATIONS

Full Stack Development with Cloud Computing – EY-GDS, AICTE, Skill India, Data Structures & Algorithms in Java – Great Learning Academy, Java Fundamentals – Oracle Academy, Java Programming & Web Development – CodSoft, CCNA: Introduction to Networks – CISCO, Cloud Computing – IBM via Coursera, Generative AI for Beginners – Great Learning, Software Engineer Certification – HackerRank

ACHIEVEMENTS

- Scored **77.10% in the TCS NQT (Advanced Section)** – IT Track
- Ranked in the **Top 0.5% (Rank #98 out of 18,455)** in **Codequezt #18 – National Coding Challenge** hosted by Naukri Campus.