S M Aswini

smaswini006@gmail.com | +91 99400 61760 | Linkedin

SUMMARY

Passionate Software Engineer with strong skills in Java, Data Structures and Algorithms (DSA), OOPs, and System Design. Experienced in developing scalable full-stack applications using React.js, Firebase, Python, and RESTful APIs. Completed 3 industry-level internships, delivering production-ready solutions with features like role-based authentication and cloud integration.

EXPERIENCE

META TAARAKA AI PVT. LTD | AI & Python Research Intern
Jun 2025 – Present | Remote
- **Engineered** an AI-powered **Expense Tracker** using **Python** and **Machine Learning**, delivering personalized financial insights and intelligent expense categorization.
- **Designed and deployed** a real-time **Weather Forecasting API** using **Flask** and **OpenWeatherMap**, integrating geolocation-based dynamic weather updates to enhance forecasting accuracy.

TEST YATRA | Web Development Intern
Feb 2025 – Apr 2025 | Chennai
- **Built** dynamic, responsive web applications using **React.js** and **Tailwind CSS**, implementing reusable UI components and optimizing performance across all major browsers.
- **Implemented** modular design patterns to improve **code reusability**, **maintainability**, and development scalability.
- **Collaborated** within an **Agile workflow** using **GitHub** for version control, issue tracking, and peer code reviews.

PROJECTS

CHURCH WEBSITE – RESPONSIVE WEB PLATFORM
Jan – Jun 2025 | React.js, Bootstrap, Node.js, Express.js, MongoDB, Cloudinary
- **Engineered** a full-stack, mobile-first website for a local community church with dynamic **event management**, media galleries, and a secure **admin dashboard**.
- Achieved **70% faster content delivery** using **Cloudinary** for optimized media storage and CDN delivery.
- Implemented RESTful APIs with **Node.js and Express.js**, managing over **200 user records** in **MongoDB** using **Mongoose ORM**.

ISAI – MUSICAL WEB APPLICATION (ROLE-BASED ACCESS)
Mar – Apr 2024 | React.js, Firebase, Tailwind CSS, Cloudinary
- **Built and deployed** a scalable music-sharing platform with **role-based access control** for over **100 users**, enabling distinct flows for admins and listeners.
- Integrated **Firebase Authentication**, **real-time audio streaming**, and secure media uploads via **Cloudinary APIs**.
- **Enhanced performance** and reduced page load time by **35%** through optimized state management and responsive UI using **Tailwind CSS**.

EDUCATION

PANIMALAR ENGINEERING COLLEGE, CHENNAI
Bachelor of Engineering in Electronics and Communication Engineering
Sep 2023 – Present | CGPA: 8.5 / 10
Expected Graduation: May 2027

HOLY INFANT JESUS MHSS, CHENNAI
Higher Secondary Certificate (HSC)
Graduated: 2023 | Percentage: 87%

SKILLS

Languages: Java, Python, JavaScript, C
Frontend: HTML5, CSS3, React.js, Tailwind CSS
Backend: Node.js, Express.js, Firebase, REST APIs, MySQL
Tools & Platforms: Git, GitHub, Postman, VS Code, Figma

CERTIFICATIONS

Cloud Computing Essentials – Amazon Web Services (AWS)
Java Fundamentals – Infosys Springboard
Artificial Intelligence Fundamentals – IBM SkillsBuild
Career Edge – Young Professionals – TCS iON

ACHIEVEMENTS

Hackathon Participant: Competed in IEEE Xtreme and inter-college hackathons, developing scalable real-time solutions under tight deadlines.
Problem Solving: Solved 200+ problems across LeetCode, Codeforces, and GFG with 70%+ accuracy – focused on arrays, DP, trees, and system design fundamentals.

LINKS

GitHub: github.com/Aswini1008
LeetCode: leetcode.com/u/aswini_sm
Portfolio: aswini-sm-portfolio