SHUBH MOHANKA

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SUMMARY

Computer Science undergrad at VIT Vellore having hands-on experience in full-stack development and data structures. Built and deployed scalable web apps using MERN, Firebase, and REST APIs. Solved 180+ LeetCode problems across core topics. Proficient in Java, React, MongoDB, and Agile. Seeking an SDE role to create robust, user-centric systems through collaboration and clean architecture.

EDUCATION

Vellore Institute of Technology **Expected 2026**
*BTech Computer Science - **CGPA** - **8.95*** *Vellore, Tamilnadu*

Pace Junior Science College **2022**
*Class XII - HSC - **Percentage** - **85%*** *Thane, Maharashtra*

PROJECTS

Wanderlust – Full Stack Travel Platform | MERN, Bootstrap, Cloudinary, Render **Jan 2025**
- Built a dynamic full-stack application for listing and reviewing travel campgrounds with secure login and user sessions.
- Integrated Mapbox geocoding for interactive map search and Cloudinary for optimized multi-image uploads reducing load times by 35%.
- Implemented robust RESTful APIs with Express.js, increasing development speed by 25% and deployed the app on Render with MongoDB Atlas.

Pantry Tracker - Real Time Inventory System | Node.js, React, JS, Firebase **Aug 2024**
- Developed a real-time inventory management system with live database sync via Firebase.
- Enabled dynamic filtering/search with 40% faster query time and reduced data lookup complexity.
- Used by over 20+ users in test phase for internal stock tracking.

WORK EXPERIENCE

Tecdia Co. Ltd. **May 2025 – Present**
Syteline Developer Intern
- Designed reports and forms using Infor Mongoose integrated with SyteLine ERP.
- Developed form logic with VB.NET, C#, and MS SQL including IDO scripting and UI automation.
- Led a 4-member team in building Tecdia's internal recruitment platform using full-stack integration.

HeadStarter AI **July 2024 – Sep 2024**
Software Engineering Fellowship *India*
- Engineered 2 AI-driven web applications with React.js, integrating scalable backend solutions with Firebase. Collaborated with peers to optimize complex technical problems, improving project efficiency by 20%.
- Optimized API response time by 35%, improving web app performance.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, JavaScript, R
Web Technologies: HTML, CSS, React.js, Node.js, Express.js, REST APIs, JSON, MERN Stack
Frameworks/Libraries: Bootstrap 5, NumPy, EJS, Firebase
Databases: SQL, MySQL, MongoDB, MS SQL
Development Tools and Platforms: Git, GitHub, Render, Cloudinary, Mapbox, Windows, Linux, Excel
CS Fundamentals: OOP, OS, DBMS, Networking, Agile

LEADERSHIP & RESPONSIBILITY

Team Head, Unitrix - VIT Dance Club **Jan 2025 – Present**
- Led a 20+ member competitive hip-hop crew, managing choreography, scheduling, and mentorship to deliver 4+ award-winning performances across college fests.