

Sounak Maity

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GitHub | LinkedIn | Portfolio | LeetCode

Professional Summary

Software Engineering student with strong foundations in Data Structures, Object-Oriented Programming, and Full-Stack Development. Proficient in Java, C++, Python, and JavaScript, with hands-on experience in React, Node.js, Express, and SQL/MongoDB. Experienced in Agile development, code reviews, unit testing, and DevOps basics, with a focus on building scalable, high-performance applications. Passionate about solving real-world problems using modern software engineering practices and emerging technologies.

Education

Vellore Institute of Technology,
B. Tech. in Computer Science and Engineering
CGPA: 9.15

Chennai, Tamil Nadu
August 2023 - July 2027

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems (DBMS), Computer Networks, Software Engineering, Machine Learning

D.A.V. Public School,
Science High Secondary Education
Percentage: 92%

Midnapore, West Bengal
April 2020 - June 2022

Experiences

DAO Community, VIT Chennai | Blockchain Developer
April 2025 - Current

Chennai, Tamil Nadu

- Contributed to open-source projects implementing secure backend systems such as decentralized document verification and digital ID systems.
- Collaborated with a 5-member development team in Agile sprints, actively participating in design discussions, peer code reviews, and Git workflows.
- Assisted in organizing a blockchain seminar for 100 students, improving developer outreach and peer learning.

Augmented and Virtual Reality Club, VIT Chennai | Management Team
September 2024 - Current

Chennai, Tamil Nadu

- Coordinated and executed AR/VR workshops & hackathons with 140 participants.
- Managed logistics, event planning, and student engagement, fostering a collaborative and inclusive tech community.

Skills

Programming Languages: Java, C++, Python, JavaScript, Solidity (plus familiarity with Rust and Go)

Web Development: HTML5, CSS3, React.js, Node.js, Express.js, TailwindCSS

Software Engineering: Object-Oriented Design, Agile Development, Git, Code Reviews, Unit Testing, DevOps (CI/CD, shift-left testing), Performance Engineering Basics

Databases: SQL, MongoDB

Projects / Open-Source

Pixel-Vault | Link

JavaScript, Solidity

- Developed a full-stack web application with React (frontend) and Node.js/Express (backend), implementing scalable APIs and integrating secure transaction logic.
- Deployed Smart contracts on Sepolia testnet and Live deployment on vercel with over 50 testnet views.

StreamSphere | [Link](#)

JavaScript, Solidity

- Engineered a Web3 streaming platform supporting real-time payments via smart contracts, onboarding 25+ early users, resulting in 60% reduction in deployment cost through IPFS-based hosting.
- Integrated Gemini 2.0 Flash API to deliver AI-powered movie recommendations.

DocChain | [Link](#)

JavaScript, Solidity

- Built a secure document verification system applying principles of security engineering, reliability, and automated testing with on-chain hashing and IPFS storage.
- Fully automated lifecycle using Solidity smart contracts and Hardhat testing suite.

Certifications

Machine Learning specialization - Coursera

Mastering Data Structures and Algorithms using C/C++ - Udemy

Blockchain Developer V2 - IBM

Achievements

Top 30 Finalist – Hack’ndroid 2025 (built a full-stack healthcare web application with a Node.js + Express.js backend, Firestore authentication, and Firebase database. Delivered under tight deadlines, demonstrating teamwork, problem-solving, and scalable code design).