Soumyadip Debnath

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GitHub | LinkedIn | Portfolio

Objective

Versatile and results-oriented Computer Science graduate with hands-on experience in full-stack development, machine learning, and backend systems. Skilled in Java, Spring Boot, MERN stack, and data structures. Eager to solve real-world problems with scalable and innovative software solutions.

Technical Skills

Languages: Java, C, Python (basic), Solidity (basic)
Web: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
Frameworks & Tools: Spring Boot, Vite, Tailwind CSS, GSAP
Other Tools: Git, Linux, TensorFlow, Keras, Embedded Systems
Core Concepts: DSA, DBMS, Operating Systems

Soft Skills

Communication | Team Collaboration | Adaptability | Problem-Solving

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Education

B.Tech in Computer Science and Engineering (IoT, Cybersecurity, Blockchain)

CGPA: 8.61 (Till 6th Semester)	Future Institute of Technology, MAKAUT | 2025
Class XII (ISC), 2021 - 82.16%	Lions Calcutta (Greater) Vidya Mandir | 2021
Class X (ICSE), 2019 - 82.33%	Lions Calcutta (Greater) Vidya Mandir | 2019

Experience

- **Full-Stack Java Developer Intern** - Ardent Computech Pvt. Ltd. | Jan - Mar 2024
- **Web Development Intern** - Oasis Infobyte | Aug 2024

Projects

- **SKYCAST Weather App** - React, Tailwind, Weather API; 1,000+ daily requests
- **Doctor Booking System** - MERN stack with real-time scheduling and auth
- **OTT Platform** - Spring Boot & MySQL; embedded Tomcat deployment
- **Cloud Kitchen** - MERN stack with real-time order and admin CRUD
- **Flight Route Optimization** - ACO, Genetic Algorithm, PPO with 13% improvement

- **Encrypted Chat App** – Spring Boot, MongoDB, WebSocket; AES-encrypted & GZIP-compressed messages with Cloudinary-based encrypted media sharing

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Achievements & Certifications

- IEEE WIE Hackathon 2023 - Built a working prototype of an advanced agriculture tool (Achievements)
- Smart India Hackathon 2023 & 2024 (Achievements)
- Ethical Hacker from Cisco Networking Academy (ongoing) (Certification)