SOHAM DEY

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Professional Summary

Aspiring Software Engineer skilled in **C, C++, Java, Python, JavaScript, Blockchain, Full-Stack Web/Mobile Apps, and AI-powered platforms**. Proven success in hackathons, internships, and leadership roles. Experienced in building **production-ready applications, scalable systems, and intuitive UI/UX**. Seeking roles in **software engineering, full-stack, and blockchain engineering**.

Technical Skills

- **Languages:** C (Advanced), C++ (Advanced), Java, Python, JavaScript, SQL
- **Web:** React.js, Next.js, Node.js, Express.js, MongoDB
- **Mobile:** React Native, Flutter
- **DevOps:** Docker, AWS, Git, CI/CD, Firebase
- **Blockchain:** Solidity, Move, Avalanche, Aptos
- **AI/ML:** Gemini API, TensorFlow (Basics), NLP
- **UI/UX:** Figma, Adobe XD

Projects

- **LoreChain** — AI-assisted collaborative storytelling platform with blockchain-authenticated authorship. Live | Code
- **Vaayu** — Decentralized AI-powered app for monitoring real-time air quality with personalized health alerts. Live | Code
- **Pac-Rupt** — Multiplayer arcade game integrated with blockchain, where viewers sabotage gameplay in real-time. Live | Code
- **Mini Projects:** NoKeyboardGaming (gesture/facial recognition gaming), Emotion Recognise (ML emotion detection), TabTracker (AI Chrome extension).

Experience

- **Frontend Intern — Infinity Bit** 2025
  Remote
  - Developed interactive dashboards using **React.js and Tailwind**, improving UI consistency and reducing page load time by 25%.
  - Implemented responsive layouts and reusable components, enhancing scalability of the frontend codebase.
  - Collaborated with backend engineers to integrate REST APIs for dynamic content rendering.

- **Co-Founder — NooBuild Community** 2023 – Present
  Kolkata, India
  - Built a **2K+ member community**, leading 50+ core members and hosting 7+ technical events.
  - Conducted workshops on **Game Dev, UI/UX, Blockchain**, training 100+ students.

- **Design Lead — GDSC NSEC** 2023 – 2024
  Kolkata, India
  - Created branding and promotional designs for 20+ workshops, increasing engagement.
  - Led **UI/UX training sessions** for 100+ students.

- **Python Developer Intern — CodeClause** Aug 2023 – Nov 2023
  Remote
  - Developed a desktop music player with **Tkinter, OOP, and file handling**, improving usability and user experience.

- **Hackathon Awards & Finalist Roles** 2022 – 2025

  - **2nd Runner-up** at Hack0lution 2025 (IEM).
  - **Team Lead**, qualified for 2nd round of **Smart India Hackathon** (2023, 2024).
  - Finalist at Diversion 2k25, Status Code 1 (IIIT Kalyani), Hack4Bengal 2.0 & 4.0, Build on Aptos, etc.

Education

- **Netaji Subhash Engineering College** 2022 – 2026
  B.Tech in Computer Science & Engineering *CGPA: 8.10*
- Sainik School Purulia — Higher Secondary (85%), Secondary (88%).

Certifications

- Google Python Certification — Google
- Certified AI Foundations Associate — Oracle
- Certified Data Science Professional — Oracle
- DevOps & Python Training — DevTown

Languages

English (Fluent) — Hindi (Fluent) — Bengali (Native)