

Debayan Saha

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PROFESSIONAL SUMMARY

Full Stack Developer and Computer Science undergraduate focused on building scalable, high-performance web applications using MongoDB, Express, React, Node.js, along with HTML, CSS, and JavaScript. Experienced in translating UI/UX designs into production-ready architectures, integrating RESTful APIs, and developing secure, efficient backend services for real-world, customer-facing systems.

EDUCATION

Future Institute of Technology, GPA: 7.45/10

Bachelor of Technology in Computer Science and Engineering

Aug. 2022 – Jul. 2026

Kolkata, India

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3

Frontend Libraries & Frameworks: React.js, Tailwind CSS, Material UI, GSAP, Framer Motion

Backend Runtime & Frameworks: Node.js, Express.js - RESTful API development, performance optimization

Database: MySQL, MongoDB

Developer Tools & Platforms: Git, VS Code, Figma, UI, UX, Postman, Render, Netlify, Vercel, Godady

PROFESSIONAL EXPERIENCE

Creative Lead Intern - [Certificate](#)

Jan. 2025 – Jul. 2025

Neeyat AI

Remote

- Engineered the frontend interface for the browser-based JMeter platform, enabling 100% web-driven execution of JMeter test plans.
- Led frontend redesign initiatives, increasing responsiveness by 35%, task success by 30%, and reducing API latency by 25%.
- Promoted to Creative Lead within 6 months, driving feature planning and cross-team coordination to accelerate delivery by 20%.

Android and Frontend Developer - [Certificate](#)

Sep. 2025 – Dec. 2025

Smart India Hackathon 2025 Finalist - Government of Odisha

Odisha, India

- Selected as a national finalist among 68,766 teams in a Government of Odisha-backed hackathon.
- Assembled a gamified learning mobile app using React Native with 15+ games, 4 language support
- Assembled core features including authentication, an AI chatbot and partial offline access.

Winner of Internal Hackathon of SIH'24 - [Certificate](#)

Sept. 2024

Team Lead and MVP Developer

Future Institute of Technology

- Led a 6-member team to 1st place among 30 teams where we built the MEDIAID MVP enabling symptom-based diagnosis, ambulance tracking, and real-time bed availability
- Designed core architecture and integrated primary features, delivering a working prototype in 36 hours.

TECHNICAL PROJECTS

AI Code Reviewer | *Node.js, Express, MongoDB, Gemini API, React, Json Web Token, Prism.js*

[Link](#)

- Implemented the end-to-end code analysis workflow with 100% authenticated access, integrating REST APIs to process source code and render structured AI feedback using Markdown and Prism.js.
- Secured the platform with four production-grade auth flows, implementing JWT sessions, OTP login, email verification, and password reset to enforce full route protection

Real-Time Multiplayer Chess Game | *JavaScript, Node.js, Socket.io, Chess.js, EJS*

[Link](#)

- Programmed a real-time chess platform supporting 2 concurrent players per match, enforcing server-side move validation and turn-based logic using Chess.js.
- Orchestrated player role assignment, move validation, and live board updates via Socket.io to ensure consistent game state across clients.

K72 - An Agency Website | *React 18, GSAP, Tailwind CSS, Vite, Context API, Render*

[Link](#)

- Initiated a responsive, high-performance K72-inspired website, increasing page interactivity by 35% through modular React components.
- Established cinematic motion and smooth scrolling using GSAP, Scroll Trigger and Locomotive Scroll.
- Enhanced global state management and navigation using Context API + Vite, reducing bundle size by 22%.

ACHIEVEMENTS

- [Finalist, SIH'25](#) - among 68k+ teams

- [Tech Head, College Tech Club](#)

- [Winner, Internal SIH'24](#) - among 20+ teams

- [Finalist, Hackspire'24](#) - among 20+ teams