

Subhrodeep Acharya

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Summary

Full-stack software developer with hands-on experience delivering production-ready web applications and large-scale internal systems. Contributed to 3+ real-world projects, including a complex Hospital Management System used for internal ticketing and operations. Strong background in building scalable frontend interfaces, secure backend APIs, and database-driven systems using Next.js, React, Node.js, and PostgreSQL. Actively seeking Software Developer / SDE roles.

Technical Skills

- Languages:** Javascript, C/C++, SQL
- Frontend:** NextJS, Tailwind CSS, React JS, HTML, CSS
- Backend:** Typescript, PostgreSQL, MongoDB, Prisma ORM, Node.js, Express.js, Drizzle
- Utilities:** Git, Github, Figma, Postman, Vercel, NextAuth, Clerk

Experience

The Robosphere Research& Development LLP Software Development Engineer Intern	Sep 2025 — Dec 2025
<ul style="list-style-type: none">Delivered and maintained 3+ production-level applications, including a public business website and multiple internal platforms supporting real operational workflows.Designed and developed a fully responsive, dark-mode-enabled UI using Next.js and Tailwind CSS, ensuring seamless usability across mobile, tablet, and desktop devices.Led development of a large-scale Hospital Management System used as an internal ticketing and task management platform, supporting multi-unit operations.Architected role-based workflows (employees, managers, admins) with real-time ticket lifecycle management (pending, in-progress, resolved), improving visibility and accountability.Designed secure, scalable backend systems using PostgreSQL + Prisma ORM and NextAuth.js, and deployed on Vercel with optimized builds achieving >99% uptime.	
Bluestock Fintech Software Development Engineer Intern	June 2025 — July 2025
<ul style="list-style-type: none">Contributed to responsive landing pages and internal dashboards used by fintech teams.Built dashboards tracking IPOs, orders, prices, and transactions, improving operational visibility for internal stakeholders.Identified and reported 2 critical bugs in the Retool platform, accelerating fixes through direct collaboration with engineers.Extended REST API endpoints for order details and invoice generation.Assisted in writing unit and integration tests, reducing regression issues during releases.	

Projects

Quick AI Full-stack AI SaaS Application GitHub Live Link	July 2025 — August 2025
<ul style="list-style-type: none">Built a completely production-level AI SaaS application with React, Node.js, Express.js, and PostgreSQL for real-time content creation and automation applications.Incorporated Google Gemini AI API to enable intelligent content creation, enhancing user productivity through natural language prompts.Executed secure user authentication and session management using Clerk, including support for social logins and account management.Implemented and deployed a coin-based credit system, enabling users to buy coins and enable premium AI features through a real payment gateway.Built a powerful backend API using Express.js, managing user subscriptions, AI requests, and transaction history with adequate validation and error handling.Designed a clean and modern UI with responsive layout and conditional rendering to offer a smooth user experience on mobile, tablet, and desktop.Used PostgreSQL with relational models to effectively manage user information, usage history, and payment history.Hosted the application on Vercel for the frontend and backend.	

Education

Kalyani Government Engineering College, Kalyani Bachelor of Technology in Electronics and Communication Engineering	Nov 2022 — July 2026
Sodepur High School, Sodepur Class - XII	June 2020 — June 2022
Ramakrishna Mission Boys Home High School, Rahara Class - X	June 2010 — June 2020