

Aftab Alam

📍 Kolkata, West Bengal, India ✉ mdalam4884@gmail.com ☎ 9903776046 🌐 in/aftab-alam-53b521246 🌩 portfolio-aftab.vercel.app

SUMMARY

Second-year BTech student and 5x Hackathon Winner with strong expertise in full-stack web development. Skilled in React.js, Next.js, Node.js, and TypeScript, with experience delivering scalable, user-friendly applications as both a freelancer and collaborator. Passionate about innovation, problem-solving, and contributing to high-impact development teams.

EXPERIENCE

Software Developer

Jobsuit.ai

October 2025 - Present, Melbourne, Australia (Remote)

- Designed and developed additional optimized resume templates by leveraging web technologies and aligning formats to highlight key applicant strengths.
- Collaborated with the CTO through code reviews and troubleshooting sessions to streamline resolution of technical defects.
- Implemented and released three new platform features using React.js and Node.js, driving a 25% increase in monthly active users and directly boosting user retention by 18%.

Founder & Software Development lead

Ascend

August 2025 - Present, Kolkata, India

- Established and guided a technology agency focused on supporting local businesses through end-to-end web and mobile application development.
- Coordinated technical mentorship and regular code walkthrough sessions using GitHub and remote collaboration tools, enhancing students' exposure to professional software engineering processes.
- Mentored and coached 5+ students using tailored learning plans and regular project reviews, achieving a 60% placement rate in target industries over 3 months through hands-on portfolio development.

Freelance Full-Stack Developer

Self-Employed

December 2021 - Present, Remote

- Delivered 10+ custom web and mobile applications for diverse clients, covering industries such as e-commerce, healthcare, and education.
- Built responsive, user-friendly UIs with React.js, Next.js, and Tailwind CSS, improving client engagement by up to 40%.
- Integrated APIs and optimized databases (MongoDB, SQL, PostgreSQL), reducing query response times by 50%.
- Managed end-to-end development lifecycle — from requirements gathering to deployment — achieving 100% project delivery on time.
- Improved SEO and performance optimization, boosting organic traffic by 30% on average for client sites.
- Engineered robust backend architectures and leveraged advanced caching strategies in Node.js and Redis, delivering quantifiable performance improvements with server response times reduced by 45% across 14 projects over a 2-year period.
- Directed security improvements on 14 client projects over 2 years using OWASP ZAP and JWT authentication, conducting bi-monthly vulnerability assessments and reducing security incidents by 60% to align with compliance KPIs.
- Spearheaded modernization of legacy web applications for 7 clients over 18 months, utilizing Docker and AWS CloudFormation to enable weekly CI/CD deployments and achieving a 65% reduction in maintenance overhead.

PROJECT

CUPGMSH

CU PG Mens Student Hall • www.notion.so/Public-launch-of-CUPG-app-286d2352588f80d784aaef30f807ee9e

- Engineered a production-ready Android application utilizing React Native, NativeWind, and TypeScript for scalable interface development.
- Developed a streamlined backend system utilizing server actions and AppwriteDB to enhance application efficiency and data handling capabilities.
- Implemented a robust user authentication module leveraging secure protocols, significantly strengthening data privacy and access control within the CUPGMSH system.

Haemologix (Hackathon Winner)

Team Geeks, University of Calcutta • www.haemologix.in

- Designed a real-time blood donation and tracking web app using Next.js, Node.js, TailwindCSS, NeonDB.
- Enabled Hospitals and BloodBanks to connect with donors within the specified radius, reducing waiting time by 80%.
- Secured 1st place for innovation and real-world impact at the hackathon.

Content Creator Landing Page (Freelance)

howtoai • howtoai2.vercel.app

- Developed and deployed a responsive landing page for a YouTuber using Next.js, Tailwind CSS, and Framer Motion, improving load speed by 30%.
- Designed an engaging content flow that boosted course sign-up conversions by 20% within the first month.
- Enhanced branding consistency, leading to a 1.8x increase in session duration and higher user engagement.

CarePulse (Hackathon Project)

The Hack Hub, University of Calcutta • [app-carepulse.vercel.app](#)

- Built a health monitoring system with Next.js and AppWrite, enabling secure patient data management and real-time updates.
- Streamlined patient–doctor communication, reducing appointment scheduling time by 70% through integrated booking workflows.
- Implemented real-time health data tracking (heart rate, vitals) with automated alerts, improving care coordination and early issue detection.
- Developed an SOS emergency feature that instantly notifies assigned doctors/guardians, cutting emergency response time by 70%.

CaseCobra (Personal Project)

self • [casecobra-a.vercel.app](#)

- Developed a custom phone case e-commerce platform with Next.js, Tailwind CSS, and Stripe, enabling a seamless end-to-end shopping experience.
- Built an interactive case preview tool using Three.js & React Canvas, allowing users to visualize designs in real time before purchase.
- Integrated secure Stripe payments and streamlined checkout flow, reducing cart abandonment by 35% during testing.

Real Estate Platform (Freelance)

NR Star • [nr-star-ae.vercel.app](#)

- Built a property listing platform with React.js, Node.js, and PostgreSQL, supporting 100+ active listings.
- Integrated advanced filters and map search, reducing property search time for users by 40%.
- Implemented backend CMS for agents, cutting listing update time by 35% and improving efficiency.

SKILLS

Technical Skills : HTML, CSS, Javascript, Typescript, REACT.Js, NEXT.Js, Nest.JS, Python, React Native, Flutter, Dart, NodeJS, ExpressJS, SQL, PostgreSQL, AWS, GCP, NeonDB, AppWrite, MongoDB, Supabase, Docker.

Soft Skills : Team Management, Leading Projects and assigning tasks according to strengths.

EDUCATION

Bachelor Of Technology in Information Technology

University of Calcutta • JD-2, JD Block, Sector 3, Bidhannagar, Kolkata, West Bengal 700106 • 2028

High School

ST. Thomas' Church School • 3, Church Road, Howrah - 711101 • 2023

- Elected as Student Council Divisional Head in the final Year
 - Admin of Students run coding club in senior years.
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