

Avik Bhanja

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EXPERIENCE

Curriculo (US-Based)

Remote

Full-Stack Developer

Jan 2026 – Present

- Built and maintained full-stack features using Node.js, PostgreSQL, React.js, and Next.js, including RESTful APIs, third-party integrations, and multi-language (i18n) support.
- Managed cloud infrastructure on AWS (EC2, S3, IAM, Route 53, CloudFront) and optimized backend workflows using Supabase for scalable and reliable deployments.
- Collaborated cross-functionally with frontend, Flutter mobile, and product teams, contributing to architecture decisions, code reviews, and production releases.

Mahakarshan Technologies

Remote

Junior MERN Stack Developer (Internship)

Aug 2025 – Jan 2026

- React Native Developer for **Farmology** — built scalable UI, global state management, multi-language (i18n), tab navigation, weather integration via location permissions, and map-based crop area selection.
- Developed media workflows including video capture, permission handling, and AWS uploads for the Fyndr.
- Collaborated on API integrations to ensure smooth data flow and performance optimization.
- Contributed to a Billing Management Module using React.js, Node.js, Express.js, and PostgreSQL.
- Worked cross-functionally to deliver scalable full-stack solutions.

HomeGeeni

Remote

Full-Stack Intern

May 2025 – Aug 2025

- Built responsive UI with Next.js, TypeScript, Tailwind CSS, and Shadcn UI, improving cross-platform usability and component reusability through DRY architecture.
- Reduced frontend build size from 2GB+ to 144MB via code splitting and deduplication, improving performance and Core Web Vitals.
- Collaborated in agile workflows using Git and code reviews to maintain high code quality and delivery speed.

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, C/C++, Java, SQL

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, Responsive Design, HTML, CSS, Redux

Backend: Node.js, Express.js, RESTful API Development, Firebase, MongoDB, MySQL, PostgreSQL

Cloud & DevOps: Google Cloud Platform (GCP), Vercel, Docker

Tools: Git/GitHub, Postman, Jupyter, Figma, Linux, Chrome DevTools

PROJECTS

Portfolio Website | *Next.js, Tailwind CSS, Vercel* | [GitHub](#) | [Live](#)

Jan 2025 – Present

- Engineered a fully responsive portfolio website with a Real Experience Score (RES) of 98 on Vercel.
- Optimized performance metrics: First Contentful Paint (1.6s), Largest Contentful Paint (2.58s), and Cumulative Layout Shift (0.01).
- Achieved Lighthouse scores: Performance (97), Accessibility (90), SEO & Best Practices (100).
- Integrated Vercel CI/CD for seamless deployment, reducing load time by 34%.

EDUCATION

Heritage Institute of Technology, Kolkata

West Bengal, India

Bachelor of Technology in Computer Science & Engineering

2022 – 2026

- CGPA: 8.86/10.0
- Relevant Coursework: Data Structures & Algorithms, Database Management, Object-Oriented Programming, Cloud Computing, AI/ML Fundamentals

CERTIFICATIONS

Postman API Fundamentals Student Expert

Apr 2023

Postman

- Created and tested RESTful APIs, understanding HTTP request methods (GET, PUT, PATCH, DELETE), response codes (2xx, 3xx, 4xx, 5xx), and headers.