Avik Bhanja

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EDUCATION

Heritage Institute of Technology, Kolkata — West Bengal, India
Bachelor of Technology in Computer Science & Engineering — *2022 – 2026*
- CGPA: 8.59/10.0
- Relevant Coursework: Data Structures & Algorithms, Database Management, Object-Oriented Programming, Cloud Computing, AI/ML Fundamentals

Uttarpara Amarendra Vidyapith — West Bengal, India
Senior Secondary (XII) — *2020 – 2022*
- Percentage: 93.00%

Uttarpara Amarendra Vidyapith — West Bengal, India
Secondary (X) — *2013 – 2020*
- Percentage: 92.27%

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%.

Avik's Blog | *React.js, Firebase, Tailwind CSS* | GitHub | Live — Dec 2024 – Jan 2025
- Built a secure, scalable full-stack blogging platform with JWT authentication, improving user security.
- Focused on seamless user experience, compatibility across devices and Responsive Web Design.

Social Media Post Generator | *Next.js, OpenAI API, Vercel* | GitHub | Live — Dec 2024
- Designed an interactive social media post generator with real-time previews using OpenAI API.
- Achieved **Lighthouse scores**: Performance (99), Accessibility (93), SEO & Best Practices (100).
- Deployed on Vercel.

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
Cloud & DevOps: Google Cloud Platform (GCP), Vercel,Docker
Tools: Git/GitHub (Version Control), Postman, Jupyter, Figma, Linux,Chrome DevTool

CERTIFICATIONS

Postman API Fundamentals Student Expert — Apr 2023
Postman
- Gained hands-on experience in creating and testing RESTful API, understanding HTTP request methods (GET, PUT, PATCH, DELETE), response codes (2xx, 3xx, 4xx, 5xx), and headers.

Google Cloud Digital Leader Training — Nov 2023
Coursera
- Completed specialization covering: **Digital Transformation with Google Cloud**, **Exploring Data Transformation with Google Cloud**, **Modernize Infrastructure and Applications with Google Cloud**, and **Scaling with Google Cloud Operations**.

ACHIEVEMENTS

Most Commendable Performance - IEEE Robotics Club — 2024
Awarded for excellent performance in robotics research by IEEE Robotics Club, HITK.

Solved 100+ DSA problems
Solved 100+ problems on LeetCode and Gfg Profiles.