Avik Das

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 Avik Das | developeravik

Gobardanga, West-Bengal - 743252, India

OBJECTIVE

Seeking a challenging software engineering position to leverage my expertise in full-stack development, algorithms, and scalable system design. Aiming to contribute to innovative projects at the intersection of user experience, large-scale distributed systems, and cutting-edge technologies such as web app development, AI, and data-driven solutions.

EDUCATION

- **National Institue of Open Schooling** *May 2025*
  Pre-University Education Kolakta, India
  ◦ Grade: Not Published

- **Gobardanga Sri Chaitanya Vidyalaya** *April 2022*
  Secondary Education Gobardanga, India
  ◦ GPA: 6.4/10

PROJECTS

- **BackToMe: A Lost and Found Platform** *Jan 2025 – Feb 2025*
  Tools: React.js, Tailwind CSS, DaisyUI, React Router, MongoDB, Node.js, Express.js, Firebase []

  ◦ Built a full-stack Lost and Found web application enabling users to report, search, and filter lost or found items with real-time status updates.

  ◦ Developed a responsive and dynamic frontend using React.js, Tailwind CSS, DaisyUI, and React Router, delivering a smooth and interactive user experience.

  ◦ Designed and implemented secure backend services with Node.js, Express.js, and MongoDB, handling item data management and user operations.

  ◦ Integrated Firebase Authentication to manage secure user sign-up, login, and session handling.

  ◦ Applied RESTful API architecture with Axios to ensure efficient communication between frontend and backend systems.

- **BistroTrack: Restaurant Management System** *Feb 2025 - still working*
  Tools: React (Vite), Node.js, Express.js, MongoDB, JWT, Stripe []

  ◦ Built a full-stack restaurant management web application using the MERN stack, providing seamless control over reservations, orders, menus, and staff.

  ◦ Developed a secure admin panel with role-based access control, enabling administrators to manage staff, monitor activities, and configure system settings.

  ◦ Integrated Stripe payment gateway for secure online payments, enhancing the customer checkout experience and improving operational efficiency.

  ◦ Implemented JWT-based user authentication and authorization, ensuring secure access for both customers and administrators.

  ◦ Designed an interactive dashboard displaying key restaurant metrics, supporting data-driven decision-making.

  ◦ Developed scalable backend APIs and responsive frontend components to ensure maintainability and future expansion.

SKILLS

- **Programming Languages:** C, C++, JavaScript, Python
- **Web Technologies:** React.Js, Node.js, TypeScript, Express.JS, Django, Tailwind CSS, Redux, Next.Js
- **Database Systems:** MySQL, MongoDB, PostgreSQL
- **Version Control:** Git, Github
- **Specialized Area:** Web Development, Cyber Security
- **Other Tools & Technologies:** Vercel, Firebase, JWT,

HONORS AND AWARDS

- **50 Days Badge** *April 2025*
  LeetCode [🌐]
  - Earned the LeetCode 50-Day Badge by consistently solving daily coding challenges, demonstrating commitment to algorithmic problem-solving and continuous learning.
  - Recognized on a global coding platform for perseverance, contributing to enhanced proficiency in data structures, algorithms, and technical interview preparation.

- **Zonal Information Olympiad** *Dec 2023*
  International Informatics Olympiad [🌐]
  - Achieved recognition in the Zonal Information Olympiad, a prestigious competition testing advanced problem-solving, programming, and algorithmic thinking skills.
  - Demonstrated excellence in informatics at a zonal level, highlighting strong analytical abilities and competitive performance among top regional participants.

CERTIFICATIONS

- **Programming with JavaScript By Meta** *March 4, 2023*
- **Back-End Development By Meta** *March 6, 2023*

ADDITIONAL INFORMATION

Languages: Bangla (Native), English (reading, writing, speaking), Hindi (speaking, understanding)
Interests: Offensive Security, Back-end Development, Listening to Audio Books