Nikhil Kumar Patra

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Resourceful Full Stack Developer with hands-on experience designing and delivering high-performance web and mobile applications. Proven ability to drive end-to-end software projects using modern JavaScript and C# frameworks. Recognized for solving 400+ DSA problems, leading cross-functional teams, and building scalable platforms that optimize user experience and security. Passionate about translating business needs into robust technical solutions.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering | 2022-2026
Amity University, Kolkata

- Relevant Coursework: Design & Analysis of Algorithms, Database Management Systems, Computer Networks
- CGPA: 7.74

TECHNICAL SKILLS

- **Languages:** Java, C, C#, JavaScript, TypeScript, SQL
- **Frameworks/Libraries:** React.js, Node.js, Express.js, Angular.js, ASP.NET, Entity Framework, ADO.NET
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Cloud:** AWS
- **Version Control:** Git, Github
- **UI/UX:** Figma, Canva

EXPERIENCE

Project Lead | July 2025 – Present
Modern Mahal

- Lead a team of four developers in designing and delivering a cross-platform B2B mobile application tailored for business clients.
- Serve as primary client contact, gathering requirements, managing timelines, and ensuring delivery aligned with business goals.
- Oversee team tasks, conduct code reviews, and maintain project transparency and productivity.
- Architect scalable, secure backend APIs with Node.js, Express.js, and PostgreSQL; ensure seamless frontend-backend integration.
- Supervise deployment, testing, and ongoing maintenance for reliable and scalable solutions.

Full Stack Engineer | May 2025 – July 2025
The Techie Indians

- Designed and developed "TutorBase," a scalable course-selling platform for online learning.
- Built dynamic, responsive front-end with Angular.js, ensuring seamless UX across devices.
- Engineered secure, high-performance backend using C#, ASP.NET, Entity Framework, and ADO.NET.
- Adhered to SOLID principles and clean code for maintainability and future scalability.
- Optimized architecture for fast load times, efficient database design, and scalable APIs.

PROJECTS

MovieFy – Movie Recommendation Website   🔗

React.js, Styled-Components

- Designed reusable components, optimizing app performance and maintainability.
- Implemented efficient routing; won 1st place for Best UI/UX in inter-university competition

MoneyChamp – Expense Tracker Website   🔗

React.js, MongoDB, Express.js, Chart.js, MUI

- Developed a secure full-stack app with user authentication and real-time financial insights.
- Integrated Chart.js, optimized backend APIs (response times reduced by 30%).

AlphaResume – Resume Builder Website

React.js, Next.js, Express.js

- Built real-time resume generation and live preview features, boosting user engagement by 30%.
- Engineered scalable architecture; placed in Top 5 at national hackathon.

AI-Powered Sensitive Information Redaction

MERN Stack, Python, OpenCV, EasyOCR

- Built web app to detect and redact sensitive image data with OCR and image processing.
- Automated privacy protection with EasyOCR/OpenCV; RESTful API integration for seamless operation.

CERTIFICATIONS

- Smart India Hackathon 2024
- MERN Stack Course (Udemy) – June 2024

ADDITIONALS

- Strong in Agile, SDLC, and cross-team collaboration
- Organized, creative, and resilient; open to relocation and remote work
- Languages: English, Hindi