SOUBHIK PAL

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OBJECTIVE

Motivated Computer Science and Engineering student seeking a Full Stack Development Internship to apply hands-on skills in front-end and back-end technologies like React.js, JavaScript, and MySQL. Eager and passionate to contribute to real-world web projects and grow in a collaborative development environment.

EDUCATION

Bachelor of Technology (B. Tech) - Computer Science & Engineering

Amity University Kolkata

Expected Graduation: 2026

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java & Python), Web Development (HTML, CSS, JavaScript, React.js), Database Management Systems, Artificial Engineering, Software Engineering

SKILLS

Programming Languages: Python, Java, C/C++

Web Development: HTML, CSS, JavaScript, React.js

Database Management: MySQL

Development Tools: Git/GitHub, VS Code, IntelliJ IDEA, Jupyter Notebook

Soft skills: Problem-solving, Teamwork, Communication, Time Management, Adaptability

PROJECTS

- **AI-Powered Hospital Management System (HMS)**
  Developed an AI-powered hospital management system using Python, MySQL, HTML/CSS and Flask with automated discharge summaries, patient management, and billing, reducing administrative workload and enhancing hospital efficiency by 30%.

- **AI-Based Smart Parking System Using IoT Sensors**
  Developed an AI-driven smart parking system with OpenCV, Node.js that utilizes IoT sensors and computer vision for real-time parking slot detection, optimizing space utilization, minimizing search time and reducing congestion by 25%.

EXTRACURRICULAR ACTIVITIES

University Tech Club Member: Competed in hackathons & coding contests, solving real-world programming challenges

Project-Based Learning: Built AI-driven software solutions, strengthening problem-solving and teamwork

Workshops & Webinars: Engaged in industry-led sessions on AI/ML, Web Development, and Software Engineering, gaining hands-on insights into emerging technologies

HOBBIES AND INTERESTS

Sports | Music | Photography | Traveling & Exploring New Places | Watching Documentaries | Reading | Tech Blogging & Research