Daniyal Ahmed

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OBJECTIVE

I seek to apply for software development internship to use my problem solving skills and abilities to contribute to innovative projects. I strive to build innovative commercial solutions that refine user interactions, boost efficiency and support business expansion.

SUMMARY OF QUALIFICATIONS

- Strong command on programming languages like C,C++, Python and JavaScript/Typescript.
- Experience in developing fullstack applications using frameworks like MERN stack,Next.js and node.js.
- Developed multiple innovative projects over three years, quickly learning and adapting to new technologies.
- Strong understanding of deep learning models like CNNs and neural networks

EDUCATION

FAST National University of Computer & Emerging Sciences (BSCS) - GPA 3.58	2022 - Present
Adamjee Science Government College (Pre-Engineering) - Percentage: (88.4 %)	2020 - 2022

PROJECTS

NextAura(Real estate management system - (Next.js, React Native, Express, and MySQL)
- Designed and built interactive frontend components with React, providing a seamless user experience for property listings, scheduling and managing appointments. Links: WebApp | Android

XEND - AI Powered Car Marketplace - Nextjs, Prisma, Postgres, Docker, AI SDK, Imagekit.io
- Built a car marketplace powere by AI to search, fill form automatically using AI with Image generation features. Efficient user login using NextAuth. Link

Scifix(Complaint management System) - (MERN(MongoDB, Express.Js, React Native, Node.js) stack
- Developed an Android-based application where users can post complaints, technicians receive real-time notifications and can accept for resolution, while the admin oversees and manages the entire process.

Network Load Balancer (Python, Flask, Nginx, HAProxy)
- Developed a network load balancer to efficiently distribute traffic across multiple servers using Round Robin, Least Connections, and IP Hashing algorithms.
- Implemented server health monitoring, optimized response times, and ensured scalability by supporting dynamic server addition/removal.

PROFESSIONAL EXPERIENCE

Internship, Software Developer Intern, The Dawood Foundation   June 2024 - July 2024
- Developed a MERN stack-based complaint management app for the Dawood Foundation, creating RESTful APIs using Express to allow science communicators to report exhibit issues. Technicians received real-time notifications and could accept and resolve tasks. The system also generated monthly reports on frequently reported exhibits and average resolution times.

Student Lab Assistant   September 2024 - December 2024
- Working as a Lab Assistant for the 'Python for Business' course, assisting students with lab tasks and resolving code issues.

SKILLS

- Programming: JavaScript, C, C++, SQL, Python Development: React.js, Next.js, Node.js, Express.js, .NET, Tailwind CSS
- Database Management: MySQL, MongoDB, Oracle SQL, Redis
- Data Structures & Algorithms, Object oriented programming and Software development life cycle
- Tools: Docker, Visual Studio Code, Pycharm, pgAdmin, MongoDb Cli/Compass, Postman, Ubuntu