Ibad Momin

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www.ibadmomin.com

EDUCATION

The University of Texas at Dallas   Richardson, TX
Bachelor of Science in Computer Science   *GPA: 3.6/4.0*   *Aug. 2022 – Aug 2024*

EXPERIENCE

Dell Technologies   May 2023 – August 2024
Software Engineering Intern   *Round Rock, TX*
- Researched a $100MM startup and its technologies to determine the best way to deploy it on Dell's server
- Developed software solutions that enable clients to deploy applications on public and private cloud using a UI dashboard, resulting in a 25% reduction in deployment time and a 12% increase in customer satisfaction.
- Utilized Kubernetes and Docker to automate, orchestrate, and containerize PostgreSQL and RabbitMQ, enhancing their availability

UTD Artificial Intelligence Society   Aug. 2022 – May 2024
Development Officer   *The University of Texas at Dallas*
- Leveraged my skills of Next.js to design and develop a cutting-edge website for AIS
- Developed QR-code checking system using Coda for HackAI 2023 for 500+ participants
- Demonstrated strong project management skills through coordinating logistics, securing $5000 in sponsorships, and organizing workshops for HackAI 2023

PROJECTS

Cause Connect - Website | *React, Google Firebase, Node.js*, Figma   January 2024 – Present
- Developing Cause Connect, a web platform connecting 20K+ UTD students and faculty with nearby non-profits, donors, and volunteering opportunities
- Leveraged React, Firebase, and Stripe.js to create a user-friendly interface for browsing volunteer opportunities and processing donations securely
- Led the implementation of a built-in donation portal, streamlining the donation process and enhancing user engagement and accessibility

Degree Planner - Website | *MySQL, MySQL Workbench, Node.js, Git*   Janury 2024 – Present
- Conceptualized and developed a comprehensive Degree Planner website empowering students to map out their academic journey, facilitating visualization of degree plans, required courses, and completed classes
- Implemented interactive features utilizing JavaScript and charting libraries to enable users to graphically plan their course schedules for each semester, fostering intuitive navigation and seamless user experience
- Leveraged MySQL database management system to efficiently store and retrieve user data, and degree requirements.

Petgram - ios App | *Swift*   January 2023 – May 2023
- Developed a captivating social media application for pets, by collaborating with a partner, using Swift programming language
- Developed pet profiles and photo/video sharing features to foster pet owners to connect and share their experiences
- Managed and led a team of 4 to deliver a high-quality app and results

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, , Assembly(x86-64), HTML, CSS, SQL, NoSQL, Swift
Developer Tools: VS Code, Jira, IntelliJ, Jupyter Notebook, AWS, Google Cloud, Git
Technologies/Frameworks: React, Next.js, Node.js, Bootstrap, Express.js, Docker, Kubernetes, Flask, Terraform
Other Skills: Project Management, Communication, Problem Solving, AI/ML, Data Analysis, Cloud, DevOps, VMs

INVOLVEMENT

UTD Rugby: Player
Artificial Intelligence Society: Officer
ACM: Outreach Committee Member