Sheikh Shihabun Sakib

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Skills

Programming Languages: PHP, Java, C++, C#, JavaScript, TypeScript, Python, HTML5, CSS3
Frameworks & Tools: Next.js, Three.js, Tailwind CSS, React.js, Angular, Spring, Firebase, Supabase, Docker
Database Management: MySQL, SQL Server, Oracle, PostgreSQL
Software Development Expertise: Algorithm Design, Algorithmic Complexity, Debugging, Full-Stack Development, Algorithm Optimization, API Design
Project Management Tools: Jira, Git, Agile Methodologies

Work Experience

Student Service Desk Specialist (Technical) – IT | UCO   **May 2022 – Mar 2024**

- Designed and implemented solutions that improved system performance, reducing ticket resolution time by 30% and ensuring smooth functionality across devices.
- Utilized analytical and debugging skills to resolve 90% of support tickets across multiple platforms, achieving a 95% satisfaction rate.
- Led cross-functional training sessions, improving team and user proficiency in system operations, and consistently maintained a 95% user satisfaction rate.

Student Ambassador – Campus Tour & Admissions | UCO   **Apr 2023 – Dec 2024**

- Led over 100+ campus tours for prospective students and families, enhancing their understanding of campus life and resources.
- Boosted prospective student enrollment by providing tailored tours that addressed academic interests and student life opportunities.
- Organized large-scale campus events, successfully managing group tours for up to 150 prospective students during peak enrollment periods.
- Trained 10+ new ambassadors, improving the team's efficiency and ensuring consistent, high-quality tours for all visitors.

Projects

Smart Chatbot | Team Alpaca, Software Engineering 1 Project
- Collaborated in a **team of 4** using **Agile development** to develop a backend with **Firebase** and **MySQL**, achieving an 8% improvement in chatbot response accuracy.
- Leveraged **PostgreSQL** for scalable and reliable data synchronization, ensuring optimal performance.
- Designed an engaging front-end experience using **React.js** and **Three.js**, visualizing real-time interactions.

Portfolio Website
- Developed a **creative portfolio website** using **Next.js**, **Three.js**, and **Tailwind CSS** for a responsive, interactive user experience.
- Integrated **3D models** and animations with **Framer Motion** to enhance interactivity.
- Implemented secure forms using **React Hook Form** and email services with **EmailJS**.
- Optimized performance for both mobile and desktop platforms, ensuring seamless accessibility.

Password Manager Chrome Extension | Capstone Project
- Collaborated in a **team of 5** using **Agile development** to create a secure password manager Chrome extension with responsive UI built in **JavaScript**, **HTML**, and **CSS**.
- Implemented client-side encryption for sensitive data using **CryptoJS**, ensuring secure password storage and autofill functionality.
- Designed APIs and contributed to the **backend infrastructure** using **Supabase**, enabling seamless cross-platform synchronization between the Chrome extension and desktop application.
- Developed password strength analysis and generation features, improving security for users' credentials.

Education

University Of Central Oklahoma   Edmond, Oklahoma
Bachelor of Science in Computer Science   Jan 2022 – December 2024
Relevant coursework: Software Engineering 1, Embedded systems, Cybersecurity, Object Oriented Design and Construction, Advanced Data Structures and Algorithms, Database Management, Operating Systems
Honors: Dean's Honor Roll Spring 2023, Fall 2023 & Spring 2024
Certifications: CodePath Web Development, CodePath Technical Interview Prep, ZTM – Complete Web development
Campus Engagement:
• Global Leadership Ambassador - Office of Global Affairs
• Director of International Student Affairs - The University of Central Oklahoma Student Association (UCOSA)