

Sufyan Arshad

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EDUCATION

Bachelor of Science – Computer Science (ABET accredited)

May 2024

University Of North Texas

Denton, TX

- **Minor:** Mathematics
- **GPA:** 3.7/4.00, *Dean's List*
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

SKILLS & CERTIFICATIONS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, Express.js, C++, C, Flutter, Dart

Tools: Git, Kubernetes, Docker, CI/CD, Tailwind, Bootstrap, RESTful APIs, DevOps, Agile Methodologies

Cloud: AWS, IBM Cloud, Digital Ocean

Database: MySQL, MongoDB

Scripting: Bash Scripting, Shell Scripting (sh, csh, zsh), PowerShell

Certifications: IBM Full-Stack Developer, IBM DevOps and Software Engineering

EXPERIENCE

Software Development Engineering Intern

June 2023 – Dec 2023

NetSol Technologies

Remote

- Developed and maintained new features for a financial suite app using React and Node.js, resulting in a 20% improvement in overall system performance.
- Conducted thorough testing and resolved issues using Mocha, achieving a 30% reduction in post-migration bug reports.
- Identified and resolved over 20 critical bugs in the code base during the internship, significantly improving software stability.
- Participated in 15+ code reviews, providing and receiving constructive feedback, resulting in improved code quality and maintained coding standards.

PROJECTS

Mastodon Microblogging Client

Aug 2023 – May 2024

Team Member

Denton, TX

- Developed a Mastodon client app using Dart and Flutter, integrating complex APIs to enhance user engagement by 20%.
- Conducted unit testing with Mockito, achieving 95% test coverage, which reduced post-deployment issues by 30%.
- Implemented CI/CD pipelines for automated testing, increasing deployment efficiency by 40% and improving code quality.
- Organized sprints and stand-ups using Agile, boosting project completion rates by 25% and team productivity by 15%.

Full-Stack E-commerce web-app

June 2023 – Aug 2023

Team Lead

Denton, TX

- Led a team of 5 developers to deliver an E-commerce web app on time, resulting in 100% client satisfaction.
- Implemented React Hooks for functional components, resulting in 30% reduction in code complexity and improved code maintainability.
- Utilized Node.js and Express.js for server-side development, effectively managing routing, middleware, and HTTP requests, demonstrating expertise in back-end development, leading to a robust and scalable application.
- Implemented secure authentication and shopping cart functionality with JWT and bcrypt, ensuring data protection and building trust.

ACTIVITIES AND LEADERSHIP

Hackathon Organizer

Oct 2023 – Nov 2023

University Of North Texas

Denton, TX

- Assisted in organizing and promoting the UNT Hackathon, engaging over 150 participants and collaborating with 5 industry sponsors to foster innovation within the student community.