

Sufyan Arshad

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EDUCATION

Bachelor of Science – Computer Science (ABET accredited)

Jan 2022 - May 2024

University Of North Texas

Denton, TX

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

SKILLS & CERTIFICATIONS

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

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

Cloud: AWS, IBM Cloud, Digital Ocean

Database: MySQL, MongoDB, PostgreSQL

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

Soft Skills: Communication, Team Leadership, Time Management, Adaptability, Problem-Solving, Collaboration

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

EXPERIENCE

Software Development Engineering Intern

June 2023 – Dec 2023

Netsol Technologies

Calabasas, CA

- Developed and maintained new features for a financial suite app using React and Node.js, resulting in a 20% improvement in overall system performance, demonstrating strong problem-solving and attention to detail.
- Conducted thorough testing and resolved issues using Mocha, achieving a 30% reduction in post-migration bugs.
- Identified and resolved over 20 critical bugs in the code base during the internship, improving software stability.
- Participated in 15+ code reviews, providing and receiving constructive feedback, resulting in improved code quality.
- Optimized database queries and enhanced data retrieval processes, reducing query execution time by 40%.

PROJECTS

Notes Taker

Dec 2024 – Jan 2025

<https://notes-taker-orbx.onrender.com>

Dallas, TX

- Made a full-stack app allowing for editing, updating, and creating notes, showcasing full-stack development.
- Used Redux to simplify state management, reducing complexity by 40% and ensuring consistent app state with MongoDB for efficient data storage.

Mastodon Microblogging Client

Aug 2023 – May 2024

Team Member

Denton, TX

- Developed a Mastodon client app using Dart and Flutter, integrating complex APIs to boost 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, boosting deployment efficiency by 40% and improving code.
- 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.
- Used React Hooks for functional components, reducing code complexity by 30% and improving maintainability.

Car Dealership Management System

June 2024 – July 2024

IBM Full-Stack Certificate Capstone

Dallas, TX

- Developed a full-stack car dealership system with React, Node.js, Django, and MongoDB, optimizing data retrieval via Django ORM and containerizing microservices with Docker for Kubernetes scalability.

ACTIVITIES AND LEADERSHIP

Hackathon Organizer

Oct 2023 – Nov 2023

University Of North Texas

Denton, TX

- Organized and promoted UNT Hackathon, engaging 150+ participants and collaborating with 5 industry sponsors, showcasing communication and leadership skills.