

FAHEEM JINNA SULAIMAN

Richardson, TX | Email: faheemjinna.s@gmail.com | Contact: +1 (469) 961 9758 | LinkedIn: <https://www.linkedin.com/in/faheemjinna/>
Others: <https://github.com/faheemjinna>, <https://leetcode.com/u/FaheemJinnaSulaiman/> | Portfolio: <https://faheemjinna.github.io/>

TECHNICAL SKILLS

Languages & Frameworks : Java, Python, C, C++, JavaScript, TypeScript, Swift, Spring, TensorFlow, Keras, Bootstrap.

Cloud & DevOps Tools : Amazon Web Services (AWS), Kubernetes, Docker, CI/CD pipelines.

Data & Backend Technologies : MySQL, MongoDB, Redis, Firebase, Cloudant DB, JDBC, REST APIs, Database Management.

OS & Development Tools : Windows, Mac OS, Linux (Ubuntu), Git/GitHub/GitLab, Xcode, Android Studio, IntelliJ.

Methodologies & Others : Machine Learning, OOPs, SDLC, Agile/Scrum, Debugging, Data Structures & Algorithms (DSA), Accounting.

PROFESSIONAL EXPERIENCE

Backend Developer | Zoho Corporation, Chennai, India

Mar '22 - Jun '24

- Spearheaded backend development for the tax-compliant edition of 'Zoho Books for South Africa' (zoho.com/za/books) utilizing Java, SQL, and Financial Accounting expertise, expanding market reach and driving adoption among 500+ businesses.
- Collaborated closely with frontend and content teams to implement the South Africa edition across all Zoho Finance applications, including Zoho Expense, Zoho Inventory, and 4 other applications on Android, iOS and web platforms, ensuring seamless integration and compliance.
- Engineered the TDS returns feature for Zoho Books Kenya, simplifying tds filing for users and enhancing compliance with local financial laws.

Web Developer Intern | Shree Lakshmi Engineering, Chennai, India

Dec '21 - Jan '22

- Developed the official website for Shree Lakshmi Engineering (slemachinetech.com) using HTML, CSS, and JavaScript, enhancing customer engagement and reducing online order processing time, resulting in significantly greater efficiency.

EDUCATION

Master of Science in Computer Engineering

Aug '24 - Jul '26

The University of Texas at Dallas, Richardson, TX | GPA: 3.78/4.0

Coursework : Applied Data Structures and Algorithms, Computer Architecture, Machine Learning.

Bachelor of Engineering in Electronics and Communication

Aug '19 - May '23

Anna University, Chennai, India | CGPA: 8.82/10.0

Certifications : iOS & Swift - The Complete iOS App Development Bootcamp on Udemy;

PROJECTS

AgroSei Application | [github link](#) | **Stack**: Java, Python, TensorFlow Lite, Keras, Firebase

- Developed and deployed AgroSei, an innovative mobile app leveraging Java, to provide farmers with real-time insights on crop management, enabling informed decision-making and boosting productivity by 15%. Integrated a CNN-based soil and plant disease detection system trained on a dataset of over 60,000 images covering 50+ plant diseases, achieving a detection accuracy of 70%.
- Implemented a ML-based disease detection solution to help farmers identify crop diseases early, improving healthy yields by 20–40%. The CNN model ensured robust performance even with diverse plant disease variations.
- Engineered a Random Forest algorithm for a crop recommendation system with 90% accuracy, analyzing soil nutrients and climate conditions to recommend optimal crops, aiding sustainable farming practices.

AquaBot (ROV) for Inspection of Aquarium | **Stack**: Python, OpenCV, YOLOv8

- Designed AquaBot, an underwater vehicle that streamlined the inspection and maintenance of aquarium ecosystems, reducing maintenance time by 30% and ensuring the safety of over 500 aquatic species through effective monitoring.
- Implemented YOLOv8-based computer vision for real-time monitoring of 100+ aquatic species, and developed tank crack detection using Python and OpenCV to enhance the structural integrity and safety of aquarium environments.

LeftOver Application | [github link](#) | **Stack**: Java, XML, Firebase, Edamam API

- Engineered LeftOver, an app helping users to reduce 7% of global food waste by discovering recipes with leftover vegetables. Leveraged the Edamam API, providing access to an extensive database of over 2.3 million recipes, enhancing users' options.

CiniTimes Website | cinitimes.com | [github link](#) | **Stack**: HTML5, CSS3, JavaScript, Firebase

- Created CiniTimes, a cinema platform connecting directors and actors, featuring blogs and live news, which boosted user engagement through real-time updates and seamless content delivery via Firebase, fostering enhanced community interaction among users.

PERSONAL ACHIEVEMENTS

Accenture Innovation Challenge 2021 Winner: Outperformed 10,000+ participants in Accenture India's most prestigious competition ([link](#)).

Government Funded Project: AquaBot Project recognized and funded by the National Science & Technology Entrepreneurship Development Board (NSTEDB) for its innovative approach, securing financial support for prototype development.

Hackathon Awards:

- Secured 1st place in CodeFury 3.0 hackathon, triumphing over 1000+ contestants in the prestigious UVCE College event.
- Awarded 3rd place and Theme award in Web0Code hackathon, surpassing 800+ contenders in NSUT/IEEE CS contest.
- Achieved 3rd place in Technovation '21 hackathon, competing with 700+ participants in Sri Sairam Engineering College event.

Volunteering : Served as the *Coordinator* of the University's Coders' Club and as an *Executive Member* of the LemonIvy Entrepreneurship Cell.