

Sadiq Ahmed Killedar

 sadiqkhan.2503@gmail.com  9108375529  LinkedIn/SadiqKilledar  Portfolio-Sadiq.Dev

Profile Summary

Highly motivated Electronics & Communication Engineer with expertise in Java, C++, SQL, Linux and core concepts. Seeking a challenging role to leverage my technical skills & drive organizational growth

Technical Skills

Java, Spring Boot, MySQL, React.js, HTML, CSS, Javascript, Node.js, C++, Python, MongoDB, DSA & Oops, Go, Docker, Linux, Selenium, Git & GitHub, Agile

Professional Experience

Developer Trainee, Intern - 04/2022, Seventh Sense Solutions Pvt . Ltd

- Designed and developed real-time scalable modules and protocols for IoT architecture.
- Implemented algorithms to filter IoT data points using **Python & MySQL**, enhancing data accuracy and relevance for further analysis.
- Created a SCADA system flow using IoT data to detect false system breakdowns, enhancing security.
- Optimized components using Verilog HDL and created test benches for simulation and validation.

Open Source Contributions

monetr 

- Resolved a critical issue where the QueryClient component was recreated on every render.
- Utilized **JavaScript, React.js & Memo hook** to prevent QueryClient from being recreated on each render and **significantly enhanced the application's stability and performance**.

Eclipse JKube 

- **Improved the stability & maintainability** of the PortForwardService by replacing an anonymous class used for a Thread with a simplified lambda expression.
- **Reduced potential errors** by simplifying thread handling & ensured adherence to modern **Java** best practices.

Project Experience

Decentralized Intrusion Detection System For IOT Based Applications 

- Developed a detection system for unauthorized access in a wireless network.
- Utilised **C/C++, NS2, Linux**, and **TCL** to prevent Blackhole attack in an IOT-based network.
- Implemented a **reputation-based trust algorithm** for accurate malicious activity detection.
- maintained a low false positive rate, increasing the security of IoT-based networks by **72%**.

MultiThread Cached Proxy Server 

- Designed and implemented a Proxy server utilizing **Java, Socket programming & Multithreading**.
- Implemented **LRU cache** using **LinkedList & HashMap** to store frequently accessed responses.
- Achieved **concurrent** client request handling and **file handling** for client logging.

AI-Powered Chatbot 

- Utilized **React.js, Java, Spring Boot, AIML**, to engineer an emotion-sensitive full-stack chatbot
- Developed a **REST API** to interact with a front-end that uses **React.js, HTML, CSS & JavaScript**
- Integrated it with **MySQL** database using **Hibernate** ORM & deployed it with **Docker** on **AWS EC2**.

TaskScheduler - REST API Task Scheduler 

- Developed a RESTful API in **Go** that enables clients to schedule system tasks on a Linux server.
- Implemented a microservices architecture with scheduler, coordinator, and worker components for scalability
- Used **MySQL** for task storage and **Docker** for containerization, enhancing deployment efficiency.

Email Validation - REST API 

- Built a **Seven-Factor** Email validation, public **API** to validates email authenticity
- Based on syntax, MX, SPF, DMARC, ESP, & additional records.
- Used **Go, net, smtp, gorilla/mux**, and **regex** packages for advanced email verification

Real-time Hand Gesture Recognition System using OpenCV [↗](#)

- Devised a hand gesture recognition system that can be used over web browser using **WebRTC**
- Utilizing **Python, OpenCV, MediaPipe, Streamlit-webRTC , Digital Image Processing** to aided mute individuals and containerised the application using **Docker** for Cross-platform execution

Education

Bachelors of Engineering In Electronics & Communication Engineering,

02/2022

• BLDEA's V P Dr PG Halakatti College of Engineering & Technology, CGPA 6.2

Vijayapura, India

Awards & Certifications

• Java 5-Star Proficiency Badge | HackerRank [↗](#)

• C++ 5-Star Proficiency Badge | HackerRank [↗](#)