

VAIBHAV SHAH

Bhuj, IN | P: +91 9099931522 | shahvaibhav1428@gmail.com | [LinkedIn](#) | [Github](#) | [Stack Overflow](#)

WORK EXPERIENCE/INTERNSHIPS

MindArray systems Pvt Ltd

Ahmedabad, IN

Trainee Software Engineer

Jan 2024 – Jun 2024

- Engineered a lightweight NMS using reactive programming paradigm, improving system performance by 40%.
- Created a Go language plugin for retrieving system and interface OIDs from SNMP devices, reducing response time by 50%.
- Integrated ZeroMQ for messaging services and Vert.x Eventbus architecture within an Agile SDLC which reduced the network latency by 30%.
- Architected robust logging functionality in Java and Go, reducing debugging time by 50%.
- Technologies utilized: **Java 17, Vert.X 4.5.7, Go 1.21.9, ZeroMQ 4.5**

Mysya Infotech

Bhuj, IN

Mobile Application Developer Intern

Jun 2023 – Aug 2023

- Built a live cricket score application using Flutter and API integration, featuring live updates & highlights for 60+ matches.
- Contributed to the development of a CA Task Management Application, improving task completion rates by 35%.
- Enhanced mobile app development skills and acquired practical experience.
- Technologies utilized: **Flutter 3.10, Dart 3.22.2, Firebase, RESTful APIs**

PROJECTS

NETWORK MONITORING SYSTEM | [\[GITHUB LINK\]](#)

- Technologies: **Java 17, Vert.X 4.5.7, Go 1.21.9, Multithreading, ZeroMQ 4.5**
- Engineered a comprehensive tool for monitoring and managing up to 30 SNMP devices.
- Established a reactive event-based system that reduced system resource usage by 30% compared to traditional methods..

INVENTORY MANAGEMENT SYSTEM | [\[GITHUB LINK\]](#)

- Technologies: **Java 17, Multithreading**
- Designed and developed a console based software solution for efficient inventory control and order management.
- Implemented user and admin functionalities for product viewing, cart management, and inventory updates.

FOOD DELIVERY APPLICATION | [\[GITHUB LINK\]](#)

- Technologies: **Flutter 3.10, Dart 3.22.2, Firebase, MongoDB, Render, Node.js.**
- Built a comprehensive food delivery app featuring 100+ restaurant listings, menu management, and cart functionality.
- Integrated RazorPay payment gateway for secure transactions.

ACTIVITIES

Rotaract Club Of Indus University

Ahmedabad, IN

Club Service Director

Jun 2021 – May 2022

- Organized 5 community service initiatives, engaging 40+ volunteers, which provided shelter to 10 homeless individuals and also distributed sanitary kits to over 200+ girls in a school.
- Collaborated with team members to plan and execute club events, fostering teamwork and communication abilities.

EDUCATION

INDUS UNIVERSITY

Ahmedabad, IN

Bachelor of Technology in Computer Science and Engineering, CGPA: 9.82/10.0

Nov 2020 - Jun 2024

ADDITIONAL

Technical Skills: Core Java, C, C++, Python, SQL, Go, Dart, ZeroMQ, Collections, Socket API, Vert.X, Reactive Programming, Multi-threading, Git, Unit Testing, Firebase, Flutter, Render, MySQL, Oracle.

Languages: Fluent in Gujarati and Hindi; Conversational Proficiency in English.

Certifications & Training: AWS Academy Graduate - Machine Learning for NLP, University of colorado certified in Basic cryptography and programming with Crypto API(Coursera), Royal Technosoft Pvt Ltd and Oracle University certified in C, C++, Core Java, Python, Android, SQL and Advanced Java.