

VAIBHAV SHAH

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EDUCATION

Master of Technology in Computer Science and Engineering, Nirma University 2024 - 2026
CPI: 8.82

Bachelor of Technology in Computer Science and Engineering, Indus University 2020 - 2024
CPI: 9.70

SKILLS

Programming Languages C# 12, Java 17, C, C++, Python, Go, Dart
Tools & Technologies Dotnet 10, Vue.JS 3.0, GraphQL, Denodo, Vert.X, ZeroMQ, Git, Multithreading
Development Unit Testing(XUnit and Vitest), SDLC, Agile Methodology, Machine Learning

WORK EXPERIENCE/INTERNSHIPS

Full stack Developer Intern Jul 2025 - May 2026
Infineon Technologies India Pvt Ltd *Gandhinagar, IN*

- Built a dynamic report builder application in which the internal employees can seamlessly create reports with drag and drop functionality.
- Technologies used were Vue.JS 3.0, Dotnet 10 and C# 12 and GraphQL.

Trainee Software Engineer Jan 2024 - Jun 2024
MindArray Systems Pvt Ltd *Ahmedabad, IN*

- Engineered a lightweight NMS using reactive programming paradigm
- Created a Go language plugin for retrieving system and interface OIDs from SNMP devices
- Integrated ZeroMQ for messaging services and Vert.x Eventbus architecture within an Agile SDLC.

PROJECTS

Dynamic report builder

Developed a report builder tool for creating, displaying and saving dynamic reports using a simple drag and drop user friendly interface using Vue.JS 3.0, Dotnet 10, C# 12 and GraphQL(Hotchocolate)

Network Monitoring System.

Engineered a comprehensive tool for monitoring and managing up to 30 SNMP devices using Java 17, Vert.X 4.5.7, and Go 1.21.9. Established a reactive event-based system..

Speech Emotion Recognition

Developed a speech emotion recognition system using the RAVDESS, RAVDESS Song, and TESS datasets to classify speech based on emotional tone using Machine Learning models.

Food Delivery Application.

Built a comprehensive food delivery app using Flutter 3.10, Dart 3.22.2, Firebase, and MongoDB, featuring 100+ restaurant listings and RazorPay integration.

LEADERSHIP & ACTIVITIES

- Served as a Club Service Director at Rotaract Club of Indus University, organizing 5 community service initiatives engaging 40+ volunteers
- Certified Professional in Generative AI (Oracle), AWS Academy Graduate in Machine Learning for NLP and University of Colorado certified in Basic Cryptography and Programming with Crypto API
- Solved 200+ problems on LeetCode and 100+ problems on GeeksForGeeks