

RICKIN SHAH

rickinshah@proton.me | [Website](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY OF QUALIFICATIONS

- Proficient in developing scalable and efficient software solutions.
- Expertise in full-stack development, database design, and system architecture.
- Experienced in building distributed systems and optimizing database performance.
- Skilled in integrating AI-powered solutions such as chatbot and content moderation.
- Strong problem-solving, teamwork, and adaptability to new technologies.

TECHNICAL SKILLS

- **Programming Languages:** Go, Java, C, C++, JavaScript, Bash, Python
- **Frameworks:** Spring Boot, FastAPI, React
- **Databases:** PostgreSQL, MariaDB, SQLite, Redis
- **Tools:** Nginx, Docker, Git, Postman
- **Development Methodologies:** Agile, Waterfall, Iterative

EDUCATION

Bachelor of Technology in Computer Science
Indus University, Ahmedabad, Gujarat

2021 – 2025

EXPERIENCE

Java Developer – Intern
SORS IT SOLUTIONS

June 2023 – July 2023

- Designed and developed REST APIs using Spring frameworks and MVC architecture.
- Engaged in cross-functional collaboration with clients and internal teams to deliver tailored solutions.

PROJECTS

BugBee

August 2024 – October 2024

Indus University

Technologies: Go, FastAPI, NodeJS, WebSockets, React, PostgreSQL, Redis, Hugging Face

- Optimized user searches by leveraging PostgreSQL's trigram indexes for similarity searches.
- Reduced API latency by deploying Redis for caching and background job processing.
- Developed a real-time messaging system for both one-on-one and group chats using WebSockets.
- Integrated and tailored the MiraTalk P2P WebRTC module for seamless in-app video calls.
- Implemented a stateful authentication and role-based access control.

Immerse

Feb 2024 – April 2024

Indus University

Technologies: Spring, Hibernate, FFmpeg, Bash, AJAX, JavaScript, MariaDB, Nginx

- Developed a video streaming web application featuring a curated content library with favoriting and watchlist options.
- Automated video processing using FFmpeg scripts for multi-resolution HLS streaming.
- Leveraged Nginx for efficient caching and load balancing, ensuring smooth streaming performance.

Image Editor

October 2023 – November 2023

Indus University

Technologies: Python, PIL, Tkinter

- Designed an intuitive desktop image editing tool with functionalities like brightness, contrast, and filter adjustments.
 - Implemented support for multiple file formats (JPG, PNG, WEBM) with non-destructive export options.
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CERTIFICATIONS

AWS Academy Graduate

September 2024

AWS Academy Machine Learning Foundations

- Trained in AWS machine learning services and cloud-based AI development.

Mastering Data Structures & Algorithms (C & C++)

November 2022

Udemy

- Gained hands-on experience with recursion, trees, graphs, and efficient sorting/searching algorithms using C and C++.