Jenish Togadiya

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# SUMMARY

Passionate and driven developer with strong skills in mobile, web, and AI/ML. I enjoy solving real-world challenges by building innovative applications. My experience spans full- stack development, creating diverse projects, and designing problem sets for aspiring engineers. I'm excited to contribute to and grow within a collaborative, project-focused environments.

# SKILLS

* **Languages/Frameworks**: Java, Kotlin, Android (Native), Swift (learning interest), Go, Python, React, TypeScript, Rust
* **Databases**: PostgreSQL, MySQL, NoSQL
* **Technologies**: AWS, Docker, Redis, FastAPI, TensorFlow, spaCy, Vosk, Resemblyzer, Linux, Git, Jenkins, Kubernetes, UI/UX Principles
* **System Design**: Distributed Systems, Microservices, Scalability, High Availability, Object Oriented Programming
* **AI/ML**: Natural Language Processing (NLP), Reinforcement Learning, Voice Authentication
* **Approach**: Problem Solving, Team Collaboration, Project Management, Client Communication, Mentorship
* **Cloud Computing**: GCP, AWS

# EXPERIENCE

### Scaler InterviewBit May 2025 - Present

*Linux and DevOps Problem Setter Bengaluru, India*

* Created and designed challenging assignments, contest questions, and quizzes for DevOps students.
* Developed comprehensive content for learners from tech freshers to engineers with 1-3 years of experience.
* Applied practical industry knowledge to craft relevant and effective learning experiences.

### Self-Employed Jan 2022 - Present

*Freelance Android & Web Developer Remote*

* Led development of multiple Android and web applications with strong focus on performance and UX.
* Built full-stack solutions using React and Node.js/Express.
* Managed client communication from ideation to deployment.

# PROJECTS

**ByteCupids – AI-Powered Interactive Learning Platform** | [ByteCupids-Repos](https://github.com/orgs/Kadhi-Khichdi/repositories) **May 2025 - Present**

* Built an AI-driven interactive learning platform with modular React frontend and Spring Boot backend.
* Used RL to adapt teaching content per user learning style.
* Integrated pg-vector for dynamic context-aware content.

**Smart-Attendance-System** | [Github](https://github.com/Jenish-1235/Smart-Attendance-System)

* Developed tamper-proof system with Kotlin Multiplatform, Spring Boot, WebSockets.
* Led 8-member team; integrated Wi-Fi and facial detection.
* Pilot-tested in institutions, cutting fraud by 95%.

### Redis-Based HA Clustering for Mattermost | [Github](https://github.com/Jenish-1235/mattermost/blob/sst-project-submission-scale/AssignmentSubmission.md) Apr 2025 - Apr 2025

* Implemented Redis-based HA system for Mattermost Teams Edition.
* Used Redis Pub/Sub and leader election for scaling.
* Reduced server downtime by 30%.

### C-Site – Construction Business Management App | [Github](https://github.com/Jenish-1235/C-Site) Nov 2024 - Nov 2024

* Created a digital solution to manage construction ops.
* Features included project tracking, inventory, finances.

### Voice-Based Pluggable Authentication Module (PAM) | [Github](https://github.com/Jenish-1235/pam_voiceauth) Apr 2025 - Present

* Created Linux PAM using Vosk and Resemblyzer for voice verification.
* Achieved 90% accuracy; ensured compatibility with auth flows.

### NoSQL Database Simulation Implementation | [Github](https://github.com/Jenish-1235/NoSQL-Database-Simulation-Implementation)

* Built a FastAPI-based NoSQL CRUD simulation in Python.
* Focused on serialization and error handling.

# EDUCATION

### Scaler School of Technology Jul 2024 - Present

*Undergraduate - Freshmen, Computer Science and Engineering*

* **GPA:** 8.5

### BITS Pilani May 2024 - Present

*Bachelor of Technology, Computer Science - Computer Science and Engineering*

* **GPA:** 8

# CO-CURRICULARS

**Open Source Club Jul 2024 - Present**

## Core Member

* Led backend and DB workshops.
* Built SST-wide dev reward system.
* Promoted open source engagement.

**AAN Academy**

## NCC Cadet Lead

* Led NCC Camps and Training for 3 years.

### Hacktoberfest 2024

## Contributor, Hacktoberfest 2024

* Completed Hacktoberfest contributions.

### GSSOC 2024

## Contributor, GSSOC-EXTD 2024

* Worked on Android and Web projects.

# LICENSES & CERTIFICATIONS

* **Google Cloud Skill Boost**: Skill Badges
  + GenAI Prompt Design & Engineering
  + Cloud Arcade - Cloud Computing Practitioner
* **Udemy Courses**: Android and Mobile Application Developer - Java Android and Mobile Application Developer - Kotlin