

# Shaik Balaji Mahammad Rafi

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## PROFESSIONAL SUMMARY

Computer Science student passionate about tech innovation. Embracing *kaizen*, I build efficient, user-focused Android, web, and data systems. Certified in Google Cloud and fluent in Japanese business etiquette, I contribute to globally collaborative development.

## EXPERIENCE

### IIT ROPAR | SUMMER RESEARCH INTERN

Remote | May 2025 – Present

- Developed core AI engine components to generate real-time polls from meeting transcripts using Whisper and LLMs.
- Set up a modular monorepo with Turborepo and built cron-based transcript fetchers and poll generation pipelines.
- Designed a feature-rich host dashboard for analytics, student performance, and meeting insights.

### CLASS REPRESENTATIVE | VVIT CSE DEPARTMENT

Nov 2023 – Present

- Coordinating academic updates and student-faculty liaison tasks.
- Managing events, feedback, and issue resolution.

### AMAZON | AWS ACADEMY GRADUATE

Jul 2024 – Sep 2024 | Off-Site

- Built scalable cloud solutions using AWS best practices.
- Designed microservices using AWS Lambda and DynamoDB.

### GOOGLE | ANDROID DEVELOPER TRAINEE

Apr 2024 – Jun 2024 | Off-Site

- Developed Kotlin apps using Jetpack and modern UI/UX practices.
- Completed real-world projects with focus on responsiveness and performance.
- Worked with MVVM architecture and integrated REST APIs.

## PROJECTS

### SHORTCUT SENSEI | PRODUCTIVITY WEB APP

React.js, JS, Firebase, HTML/CSS

- Built a full-stack platform to master 2,300+ shortcuts across 28+ tools.
- Included interactive quizzes and a Quora-like community forum.
- Engineered responsive and animated UI with full frontend/backend ownership.
- Integrated Firestore for real-time leaderboard and user authentication.
- Enabled search with fuzzy logic and added dark/light theme toggle.

### MEMO NO SEKAI | SECURE CLOUD NOTE APP

HTML, JS, CSS, Google Drive API

- Developed AES-encrypted note storage with Google Drive sync.
- Features include tag filtering, dark/light modes, and responsive layout.
- Implemented offline access via localStorage as a fallback method.
- Added markdown-style formatting support with custom parser.
- Designed minimalistic UI/UX for distraction-free note-taking.

## EDUCATION

### VVIT, GUNTUR

B.TECH IN CSE

Expected May 2026

GPA: 8.92

### NARAYANA JUNIOR COLLEGE

Guntur | 2022

Score: 97%

### NARAYANA ENGLISH MEDIUM SCHOOL

Sattenapalle | 2020

Score: 97.33%

## SKILLS

### PROGRAMMING

Java • Python • C

SQL • JavaScript

### FRAMEWORKS/TOOLS

Spring Boot • Hibernate

React.js • Firebase • Git

TensorFlow • Pandas • NumPy

Microsoft Office

### PERSONAL SKILLS

Problem Solving

Team Coordination

Design Thinking

Communication

Quick Learning

## CERTIFICATIONS

Google Cloud Data Analytics (Google)

Blockchain Applications (NPTEL)

Cloud Computing (NPTEL)

Programming in Java (NPTEL)

Frontend Dev (Great Learning)

Foundations: Data, Data, Everywhere (Coursera)

Japanese Language Culture I, II (NPTEL)

Business Japanese Manner (NPTEL)

## AFFILIATIONS

Association for Computing Machinery (ACM)

## LINKS

Github:// [Rafi-Luffy](#)

LinkedIn:// [rafi-s-b-m](#)