

# Raamil Dhandhukia

[raumild.com](http://raumild.com) | <https://www.linkedin.com/in/raumild/> | <https://github.com/raumildhandhukia> | [raumild@gmail.com](mailto:raumild@gmail.com) | (602) 706-4824

## EDUCATION

### Master of Science in Software Engineering

Arizona State University

May 2024

Tempe, AZ

### Bachelor of Engineering in Computer Engineering

Gujarat Technological University

May 2021

Gujarat, India

## SKILLS SUMMARY

**Languages/Databases:** JavaScript, TypeScript, Python, Java, PostgreSQL, MySQL, MongoDB, HTML5, CSS

**Libraries/Frameworks:** Next.js, React, Redux, Node.js, Prisma, Flask, Auth.js, Socket.io, Tailwind CSS, Rest API

**Tools:** Git, Docker, Google Analytics, AWS (EC2, S3, SQS, Lambda, DynamoDB), Vercel, Resend, Unity, Cypress

## PROFESSIONAL EXPERIENCE

### Software Engineer

Setu Consulting Services Pvt. Ltd.

May 2021 - July 2022

Gujarat, India

- Achieved a 30% cost reduction by incorporating Google Maps into the Fleet Management System with React
- Revamped HR processes for improved leave management in existing CRM utilizing React and Node.js
- Secured 60% customer retention by strategizing RMF Analysis (data-driven classification) operating on PostgreSQL stored procedures. Set up personalized marketing email system with Python, JavaScript
- Integrated marketplaces for product updates and financial tracking aided by Webhooks and REST APIs
- Created real-time CRM dashboard wielding WebSockets for dynamic, interactive data updates

### Developer Intern

Emipro Technologies Pvt. Ltd.

January 2021 - April 2021

Gujarat, India

- Composed Stored Procedures in PostgreSQL for predictive cash flow by analyzing historical financial data
- Improved scheduler performance to 3 seconds by converting Python logic to Stored Procedures

## PROJECT EXPERIENCE

### Next-Notes (Note sharing web application)

Next.js, React, Auth.js, TypeScript, Prisma, MongoDB

May 2024 - May 2024

Tempe, AZ

- Implemented collaborative note-taking features for up to 10 concurrent users with synchronized cursors using Yjs and WebSocket server, and real-time data updates alongside API throttling
- Developed with Next.js, TypeScript, Prisma, MongoDB, and Tailwind CSS and deployed on Vercel
- Facilitated JWT session strategy authentication and integrated OAuth (Google/GitHub) using Auth.js

### RetroLMS (Gamified eLearning)

React, TypeScript, Node.js, Express, MongoDB

February 2024 - April 2024

Tempe, AZ

- Constructed a virtual shop marketplace and Leaderboard. Crafted Retro 8-Bit UI supported by NES.css
- Empowered pop-up notifications employing Socket.io and email notifications through Resend
- Engineered course management with React, TypeScript, Node.js, and secure authentication with JWT

### Cloud Based Auto Scaling Image Recognition Service

AWS (EC2, SQS, S3), Python, Flask

January 2023 - February 2023

Tempe, AZ

- Accomplished a decoupled AWS architecture for a cloud-based image recognition service
- Leveraged EC2 instances, SQS queues, and S3 buckets to streamline image processing and output

### Macaroni (A Programming Language)

Java, ANTLR

February 2023 - April 2023

Tempe, AZ

- Led a team of 5 and engineered a programming language and its syntax supporting various variables, loops, and conditional statements using Java, ANTLR