**Raumil Dhandhukia**

[raumild.com](https://www.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 May 2024**

Arizona State University **Tempe, AZ**

**Bachelor of Engineering in Computer Engineering May 2021**

Gujarat Technological University **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 May 2021 - July 2022**

Setu Consulting Services Pvt. Ltd. **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 January 2021 - April 2021**

Emipro Technologies Pvt. Ltd. **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) May 2024 - May 2024**

Next.js, React, Auth.js, TypeScript, Prisma, MongoDB **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) February 2024 - April 2024**

React, TypeScript, Node.js, Express, MongoDB **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 January 2023 - February 2023**

AWS (EC2, SQS, S3), Python, Flask **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) February 2023 - April 2023**

Java, ANTLR **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