**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 (GPA 4.00/4.00) May 2024**

Arizona State University **Tempe, AZ**

**Bachelor of Engineering in Computer Engineering (GPA 9.0/10) 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, Auth.js, Redux, Node.js, Prisma, Flask, Socket.io, Tailwind CSS, Rest API

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

**professional experience**

**Software Developer (Remote - Part Time) May 2022 - August 2022**

ForkLyft **Karnataka, India**

* Achieved a 30% cost reduction by incorporating GPS into the Fleet Management System with React
* Revamped HR processes for improved leave management in existing CRM utilizing React and NodeJS

**Software Engineer May 2021 - July 2022**

Setu Consulting Services Pvt. Ltd. **Gujarat, India**

* Secured 60% customer retention by strategizing RMF Analysis (data-driven classification) operating on PostgreSQL. Orchestrated personalized marketing emails based on customer analytics
* 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 - Present**

Next.js, Auth.js, TypeScript, Prisma, MongoDB, Tailwind CSS **Tempe, AZ**

* Developed and deployed notes app on Vercel using Next.js. Implemented collaborative note-taking features for up to 10 concurrent users with synchronized cursors using Yjs, and real-time data updates with throttling. Facilitated authentication by integrating 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

**Home Service Provider January 2021 - March 2021**

MongoDB, React, Node.js, Express **Gujarat, India**

* Designed and deployed a full-stack (MERN) home service provider application on-boarding 3000+ providers