**Raumil Dhandhukia**

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**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:** NextJS, React, Auth.js, Redux, Node.js, Prisma, Flask, Socket.io, Tailwind CSS, Rest API

**Tools:** Git, Jira, AWS (EC2, S3, SQS, Lambda, DynamoDB), Docker, Unity, Firebase, 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, tailwindCSS **Tempe, AZ**

* Developed and deployed notes app on Vercel using Next.js. Facilitated authentication by integrating OAuth (Google/GitHub) using Auth.js, enhancing security and user experience. Implemented real-time data updates with throttling and collaborative note-taking features with Yjs.

**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 Nodemailer.
* 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