

Faez Razeen Nizamudeen

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Education

University of Illinois Urbana-Champaign

Aug 2022 - May 2024

Master's in Computer Science (GPA: 3.76/4.00)

Champaign, Illinois

Courses: Advanced Software Engineering, Database Systems, Web Development, User Interface Design, Competitive Programming

Crescent Institute of Science and Technology

Aug 2016 - May 2020

Bachelor of Technology, Computer Science and Engineering (GPA: 9.06/10.00)

Chennai, India

Courses: Distributed Systems, Data Structures & Algorithms, Object Oriented Programming, Artificial Intelligence

Experience

Otter.ai

Jul 2025 – Present

Software Engineer

Mountain View, California

- Architected and single-handedly migrated Otter.ai's highest-traffic page (the conversation page) from **Angular** to **Next.js**, spanning action items, templates, insights, outline, **WebSocket** real-time updates, and custom topics in a hybrid **Angular/React** codebase.
- Engineered **4 end-to-end features** from technical design through production deployment: a collaborative rich-text notes editor using **Slate.js**, ad hoc recording sharing controls with analytics, a responsive sidebar with drag-to-resize and collision detection, and top-nav recording controls with **ResizeObserver**-based compacting logic.
- Built and improved reusable UI primitives (tooltips, toasts, popovers, icons) in Otter.ai's shared **den-components** design system, standardizing interaction patterns consumed across **3+ product surfaces** in a hybrid **Angular/Next.js** architecture using **Jotai** and **TanStack Query**.
- Diagnosed and resolved **15+ production incidents** including cross-browser clipboard failures in **Safari/Firefox**, **WebSocket** race conditions, Angular CDK positioning bugs, and infinite API polling loops, shipping hotfixes via cherry-picks to maintain platform reliability.

Navan

Sep 2024 – Apr 2025

Software Engineer

Palo Alto, California

- Redesigned Navan Expense's homepage using **Angular v16/TypeScript**, supporting **1.5M+ monthly transactions** for **800k+ users** across enterprise clients including Adobe, Netflix, Stripe, and Scale AI.
- Built modular UI components including an email receipt-forwarding flow, a reusable transaction list, and a tasks dashboard to streamline expense management workflows.
- Maintained comprehensive test coverage with **Jest** unit tests and **Cypress E2E** testing, achieving **80%+ coverage** across user-facing components serving **16k+ business customers**.
- Improved accessibility by implementing **ARIA roles**, keyboard navigation, and resolving interface inconsistencies across the redesigned platform.

Graybar

May 2023 – Jun 2024

Software Engineer

Champaign, Illinois

- Engineered an end-to-end web application for sales representatives, utilizing **TypeScript**, **React**, and **MongoDB's** fuzzy search, revolutionizing the quote-to-order process and slashing quote processing time by **90%**.
- Led the comprehensive rewrite of a core internal application using **React**, **TypeScript**, **Node.js**, and **Microsoft SQL Server**, transitioning away from a licensed solution and realizing annual cost savings of **\$60,000**.
- Optimized API data retrieval through strategic caching implementations (**React Context API** with **Session Storage**), resulting in an **80%** reduction in response times and bandwidth consumption compared to previous iterations.

Technical Skills

Languages: Python, TypeScript, JavaScript ES6+, Golang, SQL, HTML5, CSS3, C/C++

Technologies/Frameworks: React, Angular, Redux, Next.js, Express, Node.js, Bun, Cypress, Flask, FastAPI

Databases: MySQL, PostgreSQL, NoSQL, MongoDB, Redis, DynamoDB, Firestore, Neo4j

Cloud: Microsoft Azure, Amazon Web Services (AWS), Google Cloud Platform (GCP)

Others: Docker, Presto, Git/GitHub, Version Control, Linux, REST APIs