

# RAAZI MUHAMMED

MERN Stack Developer

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## Professional Summary

Full Stack developer with a strong background in graphic design. Expert at identifying real-world problems, brainstorming solutions and building innovative projects. Combines creative and technical skills to deliver effective and efficient solutions.

## Technical Skills

<b>Frontend Technologies</b>	: Next.js, React.js, Framer Motion, Redux, RTL, Tailwind, Bootstrap, SCSS, Shadcn, HTML, CSS, Javascript
<b>Backend Technologies</b>	: Typescript, Node.js, Express.js, Microservice, Kafka
<b>DevOps and Deployment</b>	: Docker, Kubernetes, CI/CD, CLEAN architecture, MVC architecture
<b>Database Technologies</b>	: MongoDB, PostgreSQL, Sequelize, ORM
<b>Integration Tools</b>	: Amazon S3, Lambda, EC2, Next Auth, Razorpay, Cloudinary, WebSocket, Socket.IO, SendGrid, ZegoCloud, Firebase, Node Mailer, Multer, Zod, JWT
<b>Tools &amp; Libraries</b>	: Git, GitHub, Jest, Supertest, Swagger, Postman, Figma, Illustrator, Photoshop
<b>Familiar with</b>	: DSA, TanStack Query, TanStack Table, RabbitMQ, JSDoc, Zustand, Morgan, tRPC

## Main Projects

### Omniflow - Project Toolkit

[Live Link](#) | [GitHub](#)

Managing multiple projects can be hard when using different apps for planning and management. To solve this problem, a solution was created that combines all the tools needed into one place. This makes planning and managing projects easier and faster.

- Employed **Microservices architecture with asynchronous message queuing**, ensuring scalability and maintainability of the system.
- Integrated functionalities include project management, team administration, API documentation creation, database designing, module and task management, video conferencing with screen sharing and chat.
- Adhered to **CLEAN architecture and SOLID principles** to ensure the development of a robust, clean and easily maintainable codebase.
- The project is split into seven services which are **containerized with Docker and orchestrated using Kubernetes**.
- **Implemented Unit tests and Integration tests** to ensure code reliability and resilience.
- Created **RESTful API following OpenAPI Specification** and documented it using **Swagger** laying a solid foundation for ongoing development.

**Technologies Used:** Kafka, Next.js, Typescript, Node.js, Redux, MongoDB, Postgress, Tailwind + Shadcn, Framer motions, Winston, Git, WebSocket, AWS S3, Lambda, Zogocloud, Nodemailer, Grafana, Prometheus, Loki, Jest, RTL

### Shop Nexus - E-Commerce app

[Live Link](#) | [GitHub](#)

Shop Nexus is a multi-vendor E-commerce application that includes features such as a wallet, payment, cart, order management, referral programs, events, reports, chat, coupons, checkout and reviews.



- Options to manage product, stock, **coupon, offers and order** for the seller.
- The system includes user and seller management, with administrative oversight and management.
- Both sellers and admins have dashboards with charts and sales reports.
- Integrated **Wallet and Razorpay** payment options.
- **Added subscription model** called "Shop Nexus Plus" with benefits like **chatting** directly to the seller and better **referral** benefits.

**Technologies Used:** Node.js, React.js, Redux, MongoDB, Bootstrap + SCSS, Socket.IO, Razorpay, Firebase, Cloudinary, Multer, Morgan, JWT

## Mini Projects



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### KeySense AI - AI based Typing test

 [Live Link](#) |  [GitHub](#)

- **AI typing test** that checks your typing speed and accuracy.
- The AI identifies letters you struggle with and creates tests focusing on those letters.
- Choose topics you like and improve your typing speed while learning.
- Implemented custom hooks to optimise the typing engine.
- Conducted thorough **testing of hooks, components and functionalities** for reliability and performance validation using **Jest and RTL**

### React Connect Div - NPM Module

 [Live Link](#) |  [GitHub](#)

- A lightweight **npm package** designed for connecting two HTML elements together with a line.
- Add options for changing the line color, thickness and border radius, etc.. ensuring seamless integration with your application's design aesthetic.

### Alma Foods (Freelance)

 [Live Link](#)

- **Converted a HTML, CSS, JS website into React + Typescript.**
- Designed and implemented admin section for dynamic data.
- Added **code splitting and lazy loading** etc... to make the app faster (scored above 90 on lighthouse).
- Utilized the Firebase ecosystem for data management, authentication and hosting.

## Professional experience

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### Graphic Designer & Social Media Manager

Sep 2022 - May 2023

Aimbridge Education, HiLite Business Park

- Proven expertise in creating visually appealing designs for posters, brochures, YouTube thumbnails and banners.
- Experienced in recording and editing reels, as well as full-form YouTube videos.
- Effective in managing and posting content on various social media platforms to enhance brand visibility and engagement.
- Excel at generating innovative ideas and bringing them to life across various mediums.