

# Mohammed Zeeshan

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## Summary:

Versatile Software Engineer specializing in modern web and mobile technologies with a focus on AI integration. Passionate about crafting consumer software and AI agents that make people's lives easier, save time, and solve real problems. Combines deep technical expertise with user-centric design thinking to deliver meaningful impact. Open to consulting on rewarding projects that challenge conventional approaches and create tangible value.

## Technical Skills:

- Programming Languages: Elixir, JavaScript, HTML, CSS
- Web Technologies: TypeScript, NodeJS, Bun, Astro, NextJS/React, Nuxt/Vue, Phoenix
- Mobile Technologies: React Native(Expo), Swift
- Databases: SQLite(D1, Turso), Postgres(Supabase), MongoDB, Firebase
- AI APIs and SDKs: Gemini, OpenAI, Anthropic, Vercel AI SDK
- Cloud Services: Cloudflare, Google Cloud
- Other: Docker, Puppeteer, RESTful API development using Elysia/Hono/ExpressJS, CI/CD using Jenkins/Github

## Professional Experience:

### Coobi

Jan 2025 – current

*Software Engineer, Mobile*

- Fixed critical internationalization issues in a multilingual healthcare app (German/English) for clinics in Germany, ensuring proper language switching and synchronization based on user preferences
- Built interactive components with sophisticated animations using Skia and React Native Reanimated, enhancing the user experience for physicians working with addiction patients
- Resolved platform-specific issues (iOS/Android) and significantly reduced app bundle size, improving performance and installation rates
- Successfully completed UI revamp across 40+ screens within a tight two-week deadline, maintaining design consistency and improving usability
- Addressed numerous user-centric design issues, resulting in more intuitive workflows for healthcare professionals

### Prepdby

Dec 2023 – Dec 2024

*Full Stack Software Engineer*

- Designed backend API using PostgreSQL and Implemented GraphQL API's using Bun with Elysia, facilitating precise and efficient data fetching with flexible and declarative syntax
- Developed internal web app using Nuxt JS and implemented authentication with role based access
- Optimized cost on a Google Maps integration on the consumer mobile app (with **5000+** active users in KSA) by implementing a 500ms debounce, reducing the number of API calls by over **90%** and significantly lowering usage-based fees without compromising the user experience

### FoodMarketHub

Nov 2021 – Nov 2023

*Software Engineer*

- Successfully delivered v2 version of the software built using Vue 3 with TypeScript and GraphQL, eliminating customer pain points to over **5x** fold while also resulting in a **25%** increase in onboarding for our F&B Platform
- Majorly contributed to the rewrite of the application by building over 750+ components by a team of 2 using TailwindCSS and ElementPlus improving previously estimated delivery time by **1.5x**
- Utilized Git for version control and collaboration with team members, contributing to a successful release of 3 major product updates
- Collaborated with DevOps teams to deploy applications using cloud platforms, such as AWS, ensuring high availability and scalability
- Lead the mobile PWA team addressing challenging UI's and cross browser behaviors while delivering a mobile-app like UX
- Conducted testing and debugging to ensure high-quality code, resulting in a 5% post-release bug rate

## ClearTax

Apr 2021 - Sep 2021

### Intern

- Developed and maintained 2 web applications including NextJS and Ruby on Rails
- Fixed bugs in the checkout flow resulting in 15% increase in revenue in subscription based products
- Implemented offline first landing pages using PWA(Workbox) improving user experience in low latency scenarios
- Developed browser based automation tool using Puppeteer that automatically scans over **70k** pages in our WordPress blog and do optimisation resulting in over **4x** fold faster page loads
- Utilized Git for version control and Jenkins for CI/CD and collaborated with team members to successfully release few major product updates

## Projects:

### AI Code Review Tool

Private Repo

- Developed a GitHub CI action that enforces custom coding conventions via markdown files in an `.ai-code-rules` folder
- Analyzes added lines in PR diffs using AI to detect anti-patterns and coding violations based on defined rules
- Adds GitHub annotations with explanations, rule references, and suggested fixes to streamline code reviews
- Improves code quality and team productivity by automating manual review tasks

### AI Test Writer

Private Repo

- Built a GitHub CI action that ensures test coverage for newly added lines in a PR
- Scans PR diffs and identifies lines lacking test coverage using AI-powered analysis
- Automatically generates tests or suggests them in PR comments, promoting strong testing discipline
- Reduces risk of untested changes and accelerates the feedback loop during development

## AI Travel Agent

(Ongoing)

- Developed an AI-powered booking automation system for a prominent travel agency to streamline Umrah and Rawdah reservations
- Built using Python and browser-use automation tool integrating with Playwright, with integration of Gemini 2.0 vision capabilities for handling complex visual challenges including CAPTCHA solving and handles TOTP authentication
- Achieved 100% success rate for Rawdah bookings that was previously challenging due to extremely limited booking windows
- Eliminated human staff timing limitations by enabling 24/7/365 operation with parallel processing capabilities

## City Vending

<https://cityvendinguae.com>

- Built their website using Astro and Cloudflare Pages leveraging the Astro's unique page load performance feature and Island Architecture with VueJS for the smallest possible runtime cost
- Implemented sales workflows connected to website to fetch quotation requests from potential customers using Cloudflare Workers and D1 resulting in website powering over **50%** of Cityvending's sales

## Getfeedbacks

<https://getfeedbacks.co>

- Built a SaaS product that helps business captures reviews from customers with ease using voice recording. Read more about the motivation behind it by [clicking this link](#)
- Utilized Astro for landing page and Client UI, NextJS 14 and MongoDB for admin dashboard

## Autometa

(Ongoing)

- Shopify alternative e-commerce storefront and admin template for e-commerce consultancies built using Phoenix leveraging Elixir's concurrency and handle real time traffic
- Utilizing Cloudflare R2 to store images and reducing egress costs
- Optimized cost and saving time to market by generating product meta data using Gemini API

## Education:

B.Tech in Electronics and Communication Engineering  
Kannur University

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Last Updated on May 29th, 2025