

AHMAD ZAHEER

SOFTWARE ENGINEER

Motivated and result driven Full Stack Software Engineer with 3 years of experience, specializing in scalable web applications, aiming to contribute to team success through hard work, excellent development, problem solving, debugging and leadership skills.

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Lahore, Pakistan

EXPERIENCE

Team Lead | Software Engineer II, Netsol Technologies | April 2024 - Current

As a Team lead, I have been proactively working on shaping the technical side of the broker portal, ensuring high code quality through rigorous code reviews and best practices.

- Collaborated with the integration team for integration of Siemens and Investec for deal submissions and Adobe E-sign for digital signatures, enhancing system efficiency and compliance.
- Developed a deal routing system that dynamically directs deals to appropriate providers based on predefined criteria.
- Designed and implemented a scalable notification system, improving user engagement by sending targeted email notifications based on key deal events.
- Wrote a scheduler for sending notifications each day for different deals depending upon their specific state.
- Designed and implemented a reusable Quotation Control module, published to a private npm registry, streamlining integration across multiple micro-frontends and enabling seamless adoption in various workflows.
- Implemented dynamic, URL-based workflows on the frontend, allowing admin configuration while maintaining workflow integrity and security.
- Conducted comprehensive code reviews across frontend and backend, ensuring production-grade code quality and maintainability.

Software Engineer, Educative Inc. | June 2022 - Sep 2023

As a Software Engineer, I was responsible for implementing full stack features mostly related to on-platform payment handling using Braintree, Stripe and Paypal.

- Worked on the integration of different payment processors including Braintree, Stripe and Paypal using their Python SDKs and APIs for frontend.
- Designed and implemented a system for managing chargebacks for Stripe and Braintree within the product.
- Automated the Stripe price creation upon addition of new plans and for existing plan price updates
- Designed and implemented a system for calculating course ratings. Wrote a cron job to fetch analytics data from BigQuery and perform computations for calculating ratings.
- Improved LCP & FCP of multiple landing pages and revamped B2C Trial page
- Worked on the blockers for Enterprise Payouts and played a crucial role in making this feature live.
- Enhanced the robustness of the system by writing rigorous unit and integration tests for each feature using Jest, Pytest and Selenium.
- Performed on-call duties including server logs monitoring, bugs investigation and fixes.

PROJECTS

Taqseem

Technologies: **FastAPI, Postgres, Nextjs, Docker**

- Taqseem is an online platform to track expenses between your friends.
- Implemented JWT based authentication and wrote API's to manage users and expenses. Implemented different division metrics to divide the expenses among users.
- Used docker to containerize the application for easy development setup and deployment
- Designed & implemented the frontend of the application using Nextjs and other supporting libraries including react-query, react-hook-forms etc.

Keramos Ceramica

Technologies: **Nextjs, Firebase, Sanity**

<https://keramos-ceramica.vercel.app/>

- Built an online store for ceramic products, providing an intuitive e-commerce experience.
- Leveraged the content management capabilities of Sanity and groq to manage the products and content of the website.
- Designed & Implemented the frontend of the Keramos Ceramica using Nextjs with tailwindcss. Worked on animating the website to make it visually appealing to the end users.

ahmadzaheer

Technologies: **Nextjs, tailwindcss, Contentlayer**

<https://ahmadzaheer.com/>

- My personal portfolio/CV website developed using Nextjs.
- Worked on designing and implementing the frontend and utilizing the framer motion for the advanced animations.
- Integrated the Content layer for managing the content for my websites including blogs.
- Created an admin panel to manage the different section of the project and used the NextAuth for authenticating the admin panel.

SKILLS & TECHNOLOGIES

Frontend

Reactjs, Nextjs, React Query, Hook forms, JavaScript, HTML, Markdown, CSS, Tailwind CSS, SASS, Storybook, Shadcn, Recharts, Redux, MUI

Backend

FastAPI, Nodejs, Nestjs, Flask, Webapp2, Docker, Sanity

Testing

Selenium, Pytest, Jest, React testing library

Databases

MongoDB, NDB, Firestore, Postgres

AI Tools

GPT, Claude, Ollama

Programming Languages

JavaScript, Typescript, Python