UZAIR ALI

FULL-STACK SOFTWARE DEVELOPER

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SUMMARY

Experienced and versatile Full-Stack Software Developer with over 7 years of delivering high-impact solutions across various industries, including AI, e-commerce, logistics, and communications. Proficient in modern technologies such as React, Node.js, Ruby on Rails, Python, and cloud platforms like AWS and GCP. Adept at building everything from dynamic UIs to scalable backend architectures and real-time systems. Known for writing clean, maintainable code, driving projects end-to-end, and collaborating effectively in remote, agile teams. Passionate about continuous learning, mentoring others, and applying technology to solve complex, real-world challenges.

SKILLS

Front-End: JavaScript, React, Redux, Typescript, HTML5, CSS3, SCSS, LESS, Next.js, Liquid, Webpack, Babel, Bootstrap, Tailwind CSS, Storybook, jQuery

Back-End: Golang, Node.js, Express.js, GraphQL, Apollo, RESTful APIs, WebSockets, Django, Spring Boot, Ruby, Rails, PHP, Laravel, NoSQL (MongoDB, DynamoDB), SQL (MySQL, PostgreSQL, SQLite)

Tools & Methods: AWS, GCP, Docker, Git, GitHub, Heroku, Netlify, RSpec, TDD, Chrome Dev Tools, Vercel, Kubernetes, Postman, Figma, Adobe XD, Visual Studio Code

Professional: CI/CD , Remote Pair-Programming, Teamwork, Mentoring, Teaching, Agile Methodologies, Scrum, Kanban, Code Reviews, Technical Writing, Presentation Skills, Project Management, Leadership

EXPERIENCE

Mindtrace AI   Hybrid
Senior Full Stack and ML Engineer   July 2025 – Present
- Built interactive React dashboards for monitoring AI model performance and inspection metrics.
- Architected containerized applications using Docker and Kubernetes, improving deployment consistency and uptime.

Tech Stack/Technologies: React, Node.js, Python, PostgreSQL, Ruby, Docker, Kubernetes, Reflex, OpenAPI, GCP

Connex AI   Hybrid
Full Stack Software Developer   December 2023 – June 2025
- Building and configuring new AI solutions on omnichannel platforms.
- Writing and testing APIs for further improvement with AI services.

Tech Stack/Technologies: React, Node, SQL, Psql, Python, GStreamer, OpenAPI, AWS

YEARS.COM   Remote
Full Stack Software Developer   December 2022 – December 2023
- Building and configuring a fully customized, subscription-based store.
- Testing and managing real customer data to implement the latest analytics.

Tech Stack/Technologies: Shopify(Liquid), Recharge, React, Node.js, GCP, Bun, AWS, Ruby, Python, Laravel

SOUNDS GOOD AGENCY   Remote
Full Stack Software Developer   May 2022 – December 2022
- Build and configure full-scale Shopify partner stores and Shopify apps.
- Scaling and providing maintainable code.

Tech Stack/Technologies: Shopify, Recharge, React, Alpinejs, Jquery, Nodejs, AWS, GCP, MongoDB, Salesforce, PHP

TIMEGO DEV LTD   Remote
Full Stack Software Developer   January 2021 – May 2022
- Build and analyze full-stack web applications for company projects.
- Create an online video editor that can process conversion templates.
- Working on GCP and AWS to migrate data and build applications.

Tech Stack/Technologies: React, Nextjs, Nuxtjs, Netlify, Vercel, GCP, AWS, Serverless, Angular, Node, Java, PHP

Globin Logistics   Lahore, Pakistan
Software Developer   September 2019 – December 2020
- Designed and Developed WHMS and LMS systems to meet logistics requirements.
- Made easy-to-test and learn interfaces for the workers and the drivers in the process.

Tech Stack/Technologies: React, Nodejs, Express, MongoDB, Serverless, Firebase, GCP, Python, Flask

EDUCATION

Birmingham City University   September 2022 – August 2023
MSc Computer Science

MICROVERSE   March 2021 – January 2022
Remote Full Stack Web Development Program, Full-Time

Relevant Works

Toweropedia:

This app is to view, add, or delete data for building owners. In this app, the clients are the building owners so the user has the option to select their respective username to view the data for them. The application is a MERN stack app. It follows the CRUD convention. As per the requirements, the app does not contain the ability to create or edit clients, although to add it working I had to create a separate route for that, this can be tested on the server via Postman or browser. The application enhances the CRUD operations to its child Schema "Buildings" which is directly owned by the parent client profile. The whole project is based on the MaterialUI library, the project also has it's custom theme to make use of the MaterialUI dark mode option.

Tech Stack: React, Redux, Nodejs, Javascript, CSS, Html, MongoDB, Mongoose, Rest-api, React-Leaflet, Expressjs, React-hooks-redux

Github: https://github.com/uzairali19/toweropedia

Super Secret Chat APP:

This is a Super Secret Chat APP, Users can join a room, chat, edit, and delete messages. However other users do get notified due to that. You can have multiple windows and create multiple rooms, The users can go to the frontend link and can start talking, just like WhatsApp. The messages are saved on a session basis as well, so even if you close a tab and go back to it you can see the chat still there, or close the browser and the chat history loads.
Have fun Chatting!!

Tech Stack: React, Socket.io, Node, Express, Docker, Rest-api

Github: https://github.com/uzairali19/super-secret-chat-app

Scroll Quiz:

This is a multi-form Nextjs application. It is a simple way to build a multi-form with Nextjs. The form uses tailwind CSS for styling and Formik for handling form fields and submission. In this example, the form is a simple radio button form. However, if the form is more complex, it can be built by adding Formik field values. Then it would make sense to use validation for the form as well. Yup library would be a great option to add validation.

Tech Stack: Tailwind CSS, React, Nextjs, Formik

Github: https://github.com/uzairali19/scroll-quiz

INFRASTRUCTURE & AUTOMATION

I manage a self-hosted Proxmox cluster comprising multiple nodes with GPU passthrough, containerized workloads, and virtual machines running production-grade services. My setup includes centralized monitoring (Grafana + Prometheus), secure networking (Tailscale + Cloudflare Tunnels), and automated backups.

I've built and maintained Kubernetes environments for container orchestration, leveraging Helm and declarative YAML workflows to automate deployments, scaling, and service discovery. I use CI/CD pipelines (GitHub Actions, Docker Buildx) to push code from development to staging and production seamlessly.

Through this environment, I've gained deep hands-on experience with:

- **Cluster management:** Proxmox VE resource allocation, Ceph vs local storage optimization

- **Automation:** Infrastructure-as-Code using Terraform and Ansible

- **Networking:** Reverse proxies (Traefik, Caddy), DNS automation via Cloudflare API

- **Observability:** System metrics, container logs, uptime alerts, and self-healing workloads

- **Security:** Role-based access, encrypted tunnels, and secret management

This work strengthened my understanding of modern DevOps, continuous deployment, and scalable infrastructure design, bridging the gap between software engineering and reliable system operations.

OTHER WORKS

Outside of my primary work, I dedicate my weekends to volunteering as a mentor at Microverse, an online coding school. Since March 2021, I have been supporting junior web developers by:

- Conducting **code reviews** and providing **technical guidance**
- Suggesting **improvements to code quality and performance**
- Offering **advice on motivation and consistency** to help mentees stay on track
- Teaching key concepts like **Big O Notation** to improve their understanding of algorithms

Through this role, I actively work with a diverse tech stack, including **React, Node, Ruby on Rails, Python, AWS, GCP, MongoDB, and more**, helping aspiring developers build strong foundations in software development.