

Shanaka Abeysinghe

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Profile

A **full-stack developer** with three years of **React**, **NextJS**, and **NodeJS** experience as a freelancer on a variety of projects.

Technical Skills

- **Front End:** React, NextJS, TailwindCSS, HTML, CSS
- **Back End:** NextJS, NodeJS, Express, Typescript
- **Database:** SQL, PostgreSQL, MongoDB
- **Testing:** Vitest, Jest
- **Others:** Drizzle ORM, Prisma, Git, GraphQL

Experience

Full-Stack Developer, Freelancer

March 2022 – Present

- Designed and developed Full Stack web applications using NextJS, React, and NodeJS with Typescript.
- Responsive and feature-rich user interfaces built with React and TailwindCSS.
- Ensured code quality by implementing unit testing using Jest and Vitest and using Clean Architecture principles.
- Designed and managed MySQL, PostgreSQL, Microsoft SQL server, MongoDB databases using ORM tools such as Drizzle.
- Worked on integrations with 3rd Parties using AWS Lambda and Azure functions.
- Handled CI/CD pipelines using GitHub Actions.

Projects

Quiz Generator Platform

NextJS, React, Supabase, DrizzleORM, GitHub Actions, Vitest, Vercel, TailwindCSS

A platform that generates quizzes for software engineers based on selected technical topics, promoting learning and skill assessment.

- Developed a system to display topic-based quizzes and enabled user interaction features such as voting and answering.
- Adhered to Clean Architecture principles for maintainable and scalable development.
- Implemented CI/CD pipelines and unit testing for code quality assurance.

iv-prep.vercel.app (Demo) Github (Repo)

Booking Application

React, .NET (C#)

An application created to manage event bookings for an event coordinator, facilitating organization and scheduling.

- Focused on frontend development while assisting in backend troubleshooting.
- Ensured smooth integration between the frontend and backend systems.

Github (Repo)

Insurance Claim Management Platform

React, Express, GraphQL (Hasura), PostgreSQL, AWS Lambda

A system designed for efficient claim handling and seamless integration with third-party providers to streamline claim processes. It also incorporates risk assessment capabilities using domain name analysis, leveraging tools such as Polyswarm, MISP, and Shodan.

- Developed integrations using Express with IPFS, MISP, Shodan, Polyswarm.
- Developed the user interface based on provided designs.
- Used GraphQL for efficient database interactions.
- Used AWS Lambda to develop microservices.

Education

University of Peradeniya
Bsc(Hons). Engineering, Specialized in Computer Engineering

Mar 2013 - Oct 2016
Sri Lanka

References

Yalinda Liyanagamage - CEO | Axcenze Systems (pvt) Ltd
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Nayana Ranaweera Arachchi - Technical Solution Manager | Axcenze Systems (pvt) Ltd
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