Geevarghese A K

Senior Sofware Developer

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PROFESSIONAL EXPERIENCE

Senior Web Developer   05/2024 – present | Kochi, India
Fileago Software Ltd.

- **Spearheaded the full migration of a legacy AngularJS codebase to React.js**, reducing bundle size by 30% and improving application load time by 50%, while ensuring zero downtime during the transition.
- **Architected and published reusable npm packages** to streamline development workflows, reducing redundancy and accelerating project delivery across teams.
- **Innovated a custom signal-based state management system** to replace outdated practices, tailored to the application's needs, enhancing scalability and ensuring efficient data flow across components.
- **Mentored junior developers** on React.js best practices, code quality, and the use of internal tools, fostering a culture of knowledge sharing and continuous improvement.
- **Championed code quality initiatives** by introducing CI/CD pipelines, increasing code quality and retaining code and file standards and reducing production issues by 85%.

Design Engineer   10/2022 – 04/2023 | Bengaluru, India
VASCO Ltd

- Prepration and planning of electrical systems and communication system and testing them using tools such as AutoCAD, Dialux etc.
- Conducted through analysis to determine optimal network devices, aligning with client needs and budget constraints, while staying 100% abreast of technological advancements.
- Designed apps for testing water pressure and duct sizing in windows form using apps such as visual stuido and android studio reducing the calculation time by upto 75%.

Application Developer   2018 – present
Freelance

- Deployed chat bots and moderation bots for platforms such as discord and telegram using technology such as **nodejs, Mongodb, Expressjs, WebSocket** and AI platforms such as **Brainshop AI**. Utilizing **RESTful API** created apps for weather forecast and crypto price alerts with up to **80%** accuracy
- Utilized technical expertise in full stack **technologies such as HTML, CSS, and JavaScript** and **frameworks such as React.js, Angular, Vuejs and Svelte** to create visually appealing and **100%** functional web Applications for clients.
- Programming and debugging of micro controllers and IC for application specific uses based on client and project requirements.
- Published and maintained multiple **open-source packages on npm**, demonstrating expertise in **JavaScript/Node.js development**, version control, and contributing to the developer community by providing reusable, well-documented solutions.

PROJECTS

VImate 🔗   01/2024

- Created an open-source peer-to-peer video conferencing application utilizing React.js and Fullstack, **WebRTC**, and **Socket.io** 🔗 , reducing server dependency and improving real-time.
- Implemented a robust backend signaling server with Nodejs and event handling for WebRTC communication, ensuring scalability and reliability also reducing required bandwidth by up to 70%.
- Leveraged **Vite.js** as the build tool for the frontend, optimizing build times and enhancing development experience with native ES modules.

LoneWolf 🔗

- Designed and developed an **open-source bot for Discord** using the Node.js, **MongoDB**, and **Express.js** stack leveraging **WebSocket** connections , ensuring robustness and scalability also while improving user interaction by 50%.
- Integrated an AI chat feature using the **BrainShop AI** platform, enhancing chat moderation by 90%.
- Deployed on **AWS** utilizing **Docker containers**, enhancing efficiency and simplifying management. Successfully executed the deployment with 100% uptime until taken down due to End of Life (EOL) concerns.

CERTIFICATES

Certification as a MERN stack developer
  Aesthetix Edu Tech

SKILLS

Front End = HTML, CSS, Bootstrap, JavaScript, React, vue, svelte, Angular, Sass.
Back End = Node.js, Deno, Javascript, bun, Express.js, SQL, noSQL, GraphQL.
DBMS = Mongodb, mySQL, Redis, PostgreSQL, Cassandra, .
Build and Testing = webpack, Vite, NX, Gitlab, Docker, Mocha, vitest.
Cloud Platform = AWS, Heroku, Vercel, Render, Netlify.