NIKHIL PLAVALAPPIL KUTTAN

JavaScript Developer | Full Stack Engineer

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Professional Summary

Highly proficient Software Engineer with 6+ years of hands-on experience in full stack JavaScript development. Specializing in React.js, Node.js, and scalable web applications, I have a proven track record of enhancing performance, implementing real-time communication, and delivering quality software solutions. Adept at leading teams, designing custom algorithms, and working across diverse sectors including e-commerce, healthcare, and real estate. Seeking to leverage my technical expertise and leadership skills in a dynamic development team.

Technical Skills

Programming Languages	:	JavaScript, TypeScript, SQL, HTML, CSS
Frameworks & Libraries	:	React.js, Node.js, Express.js, NestJS, TailwindCSS, Prisma, Sequelize, Redux
Tools	:	Docker, AWS, Webpack, Jira, CI/CD Pipelines, Postman, NPM, PM2,
Databases	:	PostgreSQL, MSSQL, MySQL, MongoDB, Redis
Version Control	:	Git, GitHub
Others	:	RESTful APIs, WebSockets, Jest, Chrome DevTools, Node.js Debugger, React DevTools, Twilio, ChatGPT, Socket.io, Typeform, BDD

Professional Experience

Senior Software Engineer

Neoito InfoTech Pvt Ltd – Trivandrum, India   October 2021 – May 2024

- **Led** the development of **a high-performance video meeting room application**, achieving a 30% **improvement in performance** through **custom algorithm design** and **optimization techniques**.
- **Developed** reusable **React functional components** and integrated **backend API services** using Node.js, enhancing scalability and maintainability of the application.
- **Implemented real-time communication** features using **WebSockets**, facilitating **seamless video and audio streaming** along with **instant messaging capabilities**.
- **Collaborated** with cross-functional teams on diverse projects, including e-commerce, real estate, and credit management, while adhering to **agile methodologies** and **Software Development Life Cycle** (SDLC) best practices.
- **Mentored** junior developers, fostering **skill development** and enhancing overall team **productivity** through **knowledge sharing** and **guidance**.

Software Engineer

Simplogics Solutions Pvt Ltd – Trivandrum, India   October 2017 – September 2021

- **Optimized** and **migrated** a **hospital management system** using **Node.js** and **React.js**, resulting in a 20% **reduction in downtime**.
- **Contributed** to the entire **software development lifecycle** (SDLC), from **development** to **support**, ensuring **high availability**.
- **Built internal tools** for **organizational management** using **React.js, Node.js**, and **NoSQL**, **streamlining workflows** and **improving internal efficiency**.
- **Enhanced** server **response times** by 15% through feature tuning and **task queue management**.

Personal Projects

MonsterFind-Search App

Tech Stack: React.js, Git, GitHub, Github-Pages   November 2023 – Present

- Developed a responsive listing and search application using **React.js and hooks**.
- Created a component-based architecture using **class components.**
- Built a fast, dynamic UI that allows **real-time search**.

CloudUP-Weather App

Tech Stack: React.js, OpenWeather APIs, Git, GitHub   August 2024 – Present

- Built **a real-time weather** application using React.js and the OpenWeather API.
- Implemented **location-based search functionality**, providing detailed weather updates.
- Utilized **React functional components** for a lightweight and **responsive frontend**.

Personal Portfolio

Tech Stack: React.js, Git, Github   January 2024 – Present

- Developed a personal portfolio showcasing projects and skills **using React functional components.**
- Implemented **custom hooks** for theme management and a dynamic hero header section to enhance user experience.
- Focused on **responsive design** and seamless navigation.

Education

B.Tech in Computer Science and Engineering

College of Engineering, Poonjar (CUSAT), Kottayam, Kerala   August 2014 – May 2017

Diploma in Computer Engineering

Govt. Polytechnic College, Chelakkara, Thrissur, Kerala   August 2010 – May 2013

Core Competencies

- **JavaScript Proficiency:** Extensive experience in Node.js, Express.js, React.js, and RESTful Web Services.
- **Innovation and Implementation:** Proactive in researching and integrating new technologies to enhance project outcomes.
- **Cross-Functional Collaboration:** Effective at working with teams to deliver high-quality software products.

Soft Skills

- Team Player
- Adaptive
- Problem Solving
- Organized
- Leadership
- Management
- Attention to Detail
- Critical Thinking

Languages

- **English:** Fluent
- **Swedish:** Beginner (SFI Training)