Akhilesh PM
Software Engineer

As a back-end developer with extensive experience in NodeJS, I am passionate about creating high-quality code that is maintainable and easy to understand. I am also interested in front-end development and have gained some experience in that area as well. I believe that writing clean code is essential for building systems that are easy to maintain over time, and I consistently strive to create software that meets this standard.

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📍 Thrissur, India

SKILLS

- Research & Development
- ReactJS
- Node.js
- NestJS
- MongoDb
- PostgreSQL
- JavaScript
- C++
- Python
- Git
- VSCode
- Docker
- Nginx
- Redis
- HTML/CSS

LANGUAGES

English
Full Professional Proficiency

Malayalam
Native or Bilingual Proficiency

INTERESTS

- Web development
- App development
- Sports

WORK EXPERIENCE

Software Engineer
QBurst technologies

08/2021 - Present   *India*

Projects

Invoice Audit

- Successfully migrated a Node.js and Express.js project to NestJS, improving code organization, scalability, and maintainability.
- Integrated Winston logging library to provide comprehensive and customizable logging capabilities, improving debugging and error tracking.
- Developed and optimized database queries for efficient data retrieval and manipulation, enhancing application performance.

Resource Planner

- Built and exposed RESTful APIs, adhering to the latest industry standards and best practices, to facilitate seamless client-server communication.
- Implemented stateless JSON Web Tokens (JWTs) to establish secure authentication and authorization mechanisms, ensuring data privacy and user security.
- Spearheaded the development of a full-stack resource management application that streamlined employee scheduling and time tracking; reduced scheduling errors by 50% and saved 20+ hours per week.

Virtual Store

- Leveraged A-frame and Three.js to create immersive and visually captivating virtual reality experiences. Developed custom components using Three.js to introduce innovative features and optimize performance, resulting in an enhanced virtual reality application.

PERSONAL PROJECTS

ChatApp (01/2023 - 02/2023) ⤴
- A chatting application built using Socket.io and ReactJS.

Resume Builder | PostgreSQl,ExpressJS, ReactJS, Node.js (12/2021 - 02/2022) ⤴
- A resume building web app with simple and intuitive UI for early professionals.
- The pdf file of the resume is created using HTML2Canvas package from npm.

EDUCATION

Bachelor of Technology in Computer Science,
Government Engineering college, Palakkad

08/2017 - 05/2021   *India*

Courses

- Machine Learning
- Programming Paradigm
- Data Structures
- Computer design and architecture