VIJAY KUMAR

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EXPERIENCE

Triton Public Awareness

Software Engineer | *2021 – Present*

- Developed and maintained REST APIs integrated with relational databases designed to reflect business operations.
- Designed and managed a responsive, user-friendly CMS, centralizing operations and improving coordination across diverse devices.
- Implemented data filtering and visualization features to optimize stakeholder interactions and provide real-time insights.
- Developed tools for delivery planning and route optimization, significantly reducing travel time for field agents.
- Automated data entry processes and calculations, enabling seamless Excel project imports and reducing manual workload.
- Integrated JWT authentication and Admin Authorization to protect sensitive features and ensure data security.
- Deployed the entire system on AWS, ensuring scalability, security, and robust performance for future growth.

Emerald Executive Housing

Software Engineer & Digital Marketing| *2023 - Present*

- Developed for inventory management across multiple rental properties, and by identify and report of missing items enhancing oversight.
- Created a robust REST API for item tracking and integrated AWS S3 for secure storage of receipts for record-keeping.
- Designed a user-friendly, responsive UI for consistent inventory management across various devices.
- Implemented strong user management and validation mechanisms to safeguard sensitive data and features.
- Led digital marketing initiatives, increasing rental suite visibility and tenant engagement by designing a modern, interactive website.

TECHNICAL SKILLS

Programing Languages

JavaScript, TypeScript, HTML, CSS, Java, C#, Python

Libraries & Frameworks

React, Angular, Tailwind CSS, Node.js, Prisma, Express.js, Sass

Tools

GitHub, Netlify, AWS, PostgreSQL, MySQL, AWS (S3, ELB, RDS, Amplify), CI/CD Tools, Version Control (Git)

EDUCATION

Business Information Systems

(Two-Year Diploma)
Saskatchewan Polytechnic Moose Jaw, SK | 2014-2016

Algorithms & Data Structures, Databases, Web Development, Networks & Operating Systems, Business Administration, Financial Accounting, Systems Analysis