Adaka Venkatesh

Software Developer

SUMMARY:

Results-driven Full Stack Developer with hands-on experience in designing and implementing scalable web applications using React.js, TypeScript, .NET Core Web API, and SQL Server. Proficient in developing user-centric solutions, building robust RESTful APIs, and applying component-based architecture. Adept at collaborating with cross-functional teams to deliver high-quality software products efficiently and effectively.

EXPERIENCE:

Trainee Software Engineer – Aizen Algo Private Limited
Feb 2024 - Present

- Currently working on full-stack development using React.js, TypeScript, .NET Core Web API, and SQL Server.
- Developed secure and scalable backend solutions using .NET Core Web API and integrated with SQL Server databases.
- Built dynamic and responsive user interfaces with React.js and TypeScript following best UI/UX practices.
- Designed and implemented RESTful APIs to enable seamless communication between frontend and backend systems.
- Implemented JWT-based authentication and role-based authorization for enhanced application security.
- Participated in code reviews, debugging, and troubleshooting to ensure code quality and performance.
- Collaborated in an agile development environment to deliver timely product features and enhancements

SKILLS:

- Frontend Development: React.js, HTML5, CSS3, TypeScript, JavaScript ES6+, Responsive Design, Bootstrap
- Backend Development: .NET Core Web API, RESTful APIs
- Databases: SQL Server
- Version Control C Tools: Git, GitHub, Postman,

EDUCATION:

Bachelor of Technology in Computer Science and Engineering
PACE Institute of Technology and Sciences, Ongole
CGPA: 8.6/10 | Graduation Year: 2023

PROJECTS:

Volunteer Management System (VMS)
Tech Stack: React.js, TypeScript, React Query, TanStack Table, Redux Toolkit, Axios, .NET Core Web API (Repository Pattern), SQL Server
Description: A web-based platform designed to manage volunteer data, assignments, and activities efficiently across events and organizations.
Key Contributions:

- Developed interactive and reusable components using React.js and TypeScript
- Implemented complex state management flows with Redux Toolkit for scalable UI interactions
- Built and integrated RESTful APIs using .NET Core Web API following Repository Pattern and best practices
- Utilized React Query and TanStack Table for data fetching, caching, and table functionalities
- Integrated secure authentication and role-based access controls
- Ensured responsive design and cross-browser compatibility

APQR – Annual Product Quality Review
Tech Stack: React.js, TypeScript, Redux Toolkit, Axios, .NET Core Web API, SQL Server
Description: A compliance-focused application that facilitates the annual quality review process of pharmaceutical products, ensuring data accuracy, reporting, and adherence to industry standards.
Key Contributions:

- Created reusable UI components using React.js and TypeScript for streamlined user experience
- Integrated Redux Toolkit for efficient state management and seamless data flow across modules
- Built RESTful APIs in .NET Core Web API for handling complex data validations and submissions
- Implemented dynamic forms and tabular views for batch-wise data entry and analysis
- Ensured proper authentication and role-based access for secure operations

CONTACT:

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