JEYAPRABAKAR ELANCHELIYAN

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SOFTWARE ENGINEER

An energetic and ambitious software engineer with over 2 years of experience in full stack web development, specializing in frontend development. I have a proven track record of collaborating effectively within cross-functional teams, solving complex technical challenges, and delivering high-quality, user-focused solutions. Strong communication skills enable me to work seamlessly with stakeholders to ensure project success. I'm deeply committed to continuous learning and growth in the ever-evolving field of software engineering.

TECHNICAL SKILLS

Programming Languages - JavaScript, TypeScript

Frontend - HTML, CSS, Tailwind CSS, React.js, Next.js

Backend - Node.js, Nest.js

Databases - MongoDB, MySQL

Others - Zustand, Redux, Git, Github

PROFESSIONAL EXPERIENCE

TWC Innovations (Pvt) Ltd   **September 2023 - Present**
Software Engineer

- Developed and maintained websites and web applications using React.js, Next.js, and Tailwind CSS, ensuring optimized performance and responsive design.
- Implemented ShadCN and Headless UI components to streamline frontend development and maintain consistent design patterns.
- Developed and integrated RESTful APIs using Nest.js with Prisma ORM, leveraging MySQL for efficient data management and scalability.
- Implemented OpenAI-powered text generation features to enhance application functionality and user experience.
- Integrated Strapi CMS to enable dynamic content management across the platform.
- Conducted API testing and validation using Postman, improving reliability and functionality of backend services.
- Implemented CI/CD pipelines using GitHub Actions and Docker, streamlining deployments on DigitalOcean.
- Enhanced mobile responsiveness and ensured smooth user experience across devices.

TWC Innovations (Pvt) Ltd   **January 2023 - September 2023**
Software Engineer Intern

- Developed and maintained websites and web applications using React.js, Next.js, and Tailwind CSS, ensuring optimized performance and responsive design.
- Developed and integrated RESTful APIs with Nest.js, utilizing MongoDB and MySQL for efficient data management and scalability.
- Integrated AWS S3 bucket to manage file uploads and storage, ensuring reliability and scalability across applications.
- Conducted API testing and validation using Postman, improving reliability and functionality of backend services.
- Implemented CI/CD pipelines with GitHub Actions, streamlining deployments on DigitalOcean.
- Enhanced mobile responsiveness and ensured smooth user experience across devices.

oDoc (Pvt) Ltd   **August 2022 - January 2023**
Software Engineer Intern

- Studied, analyzed, and comprehended client requirements to inform data modeling decisions.
- Designed and mapped data models to transform raw data into meaningful insights.
- Utilized Power BI to construct interactive and visually appealing dashboards and reports for enhanced data visualization.
- Redesigned a WordPress website and implementing changes according to the new design provided by the UI/UX Designer.

Techome Technologies (Pvt) Ltd   **September 2021 - July 2022**
Data Analyst

- Agreed on data format and content with the IT technical departments of partners.
- Quality checked new partners' test files for format, consistency, and content.
- Fed files from partners into the database using different methods and software.
- Analyzed any missing information, periods, or changes in content.
- Explored all possibilities for new partner files to be fed into the database automatically.
- Monitored and recorded the data flow.
- Proactively improved the automation of processes.
- Responded to internal and external data inquiries.

EDUCATION

Postgraduate Diploma in Project Management   **2023 - 2024**
OTHM - UK
Study Center: Kensley Graduate School - Sri Lanka

BSc (Hons) in Software Engineering   **2021 - 2023**
Cardiff Metropolitan University - UK
Study Center: ICBT - Sri Lanka

HND in Computing(Software Engineering)   **2020 - 2021**
Pearson BTEC - UK
Study Center: ACBT- Sri Lanka

G.C.E Advanced Level(Physical Science)   **2017 - 2019**
Hindu College Colombo

ORGANIZATIONS & EXTRA-CURRICULAR ACTIVITIES

Shotokan Karate Player - Nidan Black Belt
Shotokan Karate Academy International - Sri Lanka

Microsoft Learn Student Ambassador
Microsoft Learn

Postman Student Leader
Postman