

# JEYAPRABAKAR ELANCHELIYAN

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## SOFTWARE ENGINEER

An energetic and ambitious experienced software engineer with over 1 year of expertise in full stack web development, specializing in JavaScript and its frameworks. Proven track record of collaborating effectively within cross-functional teams, solving complex technical challenges, and delivering high-quality solutions. Strong communication skills facilitate seamless interaction with stakeholders, ensuring project success. Committed to continuous learning and growth in the dynamic field of software engineering.

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## SKILLS

**Programming Languages** - JavaScript, TypeScript

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

**Backend** - Nest.js, Node.js

**Databases** - MongoDB, MySQL

**Others** - Git, Github

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## PROFESSIONAL EXPERIENCE

**TWC Innovations (Pvt) Ltd**

**September 2023 - Present**

**Associate Software Engineer**

- Providing mentorship to interns and conducting thorough reviews of their pull requests to maintain code quality and best practices.
- Developing an OTT Platform using React.js and Tailwind CSS for the frontend and Nest.js with Prisma ORM for the backend, with MySQL for database management.
- Developing a website for a video editing software company using Next.js and Tailwind CSS, ensuring a modern and engaging user experience.
- Contributing to the development of diverse mobile-responsive websites and web applications.
- Implementing REST APIs for efficient data communication and functionality, enhancing backend development and conducted extensive testing using Postman to ensure reliability and functionality.
- Implementing CI/CD using GitHub Actions to ensure efficient deployment on DigitalOcean.
- Actively addressing and resolving backend bugs while simultaneously tackling frontend design issues to enhance overall system stability and user experience.

**TWC Innovations (Pvt) Ltd**

**January 2023 - September 2023**

**Software Engineer Intern**

- Developed a web application related to the legal sector using React.js and Tailwind CSS for frontend and Nest.js for backend, with MongoDB for database management.
- Developed a products showcase website for the company, utilizing Next.js and Tailwind CSS to improve performance, SEO, and enhance user experience.
- Ensured the mobile responsiveness of websites and web applications, prioritizing seamless user interaction for every project.
- Implemented REST APIs for efficient data communication and functionality, enhancing backend development and conducted extensive testing using Postman to ensure reliability and functionality.
- Implemented CI/CD using GitHub Actions to ensure efficient deployment on DigitalOcean.
- Completed comprehensive training in frontend and backend development.

**oDoc (Pvt) Ltd**  
**Software Engineer Intern**

**August 2022 - January 2023**

- 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**  
**Junior Data Analyst**

**September 2021 - July 2022**

- 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.

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## **EDUCATION**

**Postgraduate Diploma in Project Management**

**2023 - 2024**

OTHM - UK

Study Center: Kensley Graduate School - Sri Lanka

**BSc (Hons) 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

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## **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