

Priyangani Thiyagarajah

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Professional Summary

A proficient Software Engineer with over 2+ year of experience in full-stack development using Angular, AngularJS, Bootstrap, and Spring Boot. Demonstrated expertise in crafting responsive UIs, integrating APIs, developing robust backend solutions, and optimizing system performance. Strong problem-solving abilities, effective teamwork, and excellent communication skills, dedicated to building efficient and user-friendly solutions.

Skills

Technical Skills

- Languages:** C++, Java, JavaScript, TypeScript, Python, PHP, MySQL, MongoDB, HTML5, CSS
- Frameworks & Libraries:** AngularJS, Angular, Bootstrap 5, React, Spring Boot, Node JS, Express JS, Flask
- Software & Tools:** Figma, IDIOM, Postman, Insomnia, LM Studio, Grafana, JasperSoft, JIRA, RAG Pipeline
- Version Control & CI/CD:** SVN, Git, Jenkins

Soft Skills

- Problem Solving
- Teamwork and Collaboration
- Time Management
- Critical Thinking
- Communication

Experience

Associate Software Engineer

May 2025 – Present

Kerk Solutions (PVT) Ltd. []

- Resolved production issues, optimized system performance, and improved application stability.
- Conducted root cause analysis (RCA) and implemented fixes to prevent recurring bugs.
- Took ownership of deployment workflows, ensuring smooth post-release transitions.

Trainee Associate Software Engineer

Jan 2025 – April 2025

Kerk Solutions (PVT) Ltd. []

- Participated in team code reviews and gained experience in debugging and testing.
- Supported routine deployments and updated technical documentation.
- Enhanced deployment workflows and ensured smooth post-production maintenance.

Software Engineer Intern

Jan 2024 – Jan 2025

Kerk Solutions (PVT) Ltd. []

- Designed responsive UI components using Angular and integrated APIs for seamless interaction.
- Customized reports using JasperSoft, embedding base64 images and proper configurations.
- Developed decision models with IDIOM to streamline business logic and workflows.

Education

Trincomalee Campus, Eastern University, BSc in Computer Science

Aug 2020 – Aug 2024

- GPA: 3.7/4.0

- Coursework:** Computer Architecture, Data Structure and Algorithms, Computational Theory

Languages

- Tamil ★★★★★
- English ★★★★
- Sinhala ★★★★

Projects

AI-Powered Chatbot System []

- Developed a lightweight AI chatbot using TinyLlama and a RAG pipeline to deliver accurate, real-time conversational responses.
- Integrated Flask (AI engine) with Express.js and MongoDB for API routing, data handling, and a smooth web-based user interaction.
- Tools Used: Python Flask, TinyLlama, RAG Pipeline, Transformers, Express.js, Node.js, MongoDB, Axios

Life Insurance Application

- Developed a comprehensive life insurance system enabling policy creation and management, with integrated secure payment capabilities.
- Tools Used: Angular 16, Bootstrap 5, Rest API, IDIOM, JasperSoft

Sri Lankan Currency Note Recognition for visually Impaired People (final year project) []

- Developed a mobile application that identifies Sri Lankan currency notes using image processing.
- Tools Used: Machine Learning, Flutter, Android Studio

Food Ordering System []

- Developed a food ordering system that allows users to browse menus, select items, and place orders with real-time tracking.
- Tools Used: Angular, Bootstrap 5, Spring Boot, MySQL

E-Commerce Website(Zola Fashion) []

- Developed an eCommerce website specializing in denim, offering a wide range of jeans, jackets, and other apparel. Features include high-quality product images, detailed descriptions, and easy buying.
- Tools Used: HTML, CSS, PHP, MySQL

References

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