JANAKA PRASAD

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SUMMARY

Results-driven Software Engineer with strong experience in Java, Python, and JavaScript. Proficient in designing and implementing RESTful APIs, scalable backend systems, and data-driven applications using MySQL and MongoDB. Holds a BSc in Electronics and Information Technology with proven skills in Git, Jira, and Agile collaboration. Seeking a challenging engineering role to apply problem-solving and analytical abilities in developing innovative, efficient, and high-performance software solutions.

WORK EXPERIENCE

Software Engineer Intern - Zebra Technologies   Jan 2025 - Jul 2025

- Contributed to Android Open Source Project (AOSP) framework-level customization and development using Java.
- Actively participated in Agile/Scrum ceremonies, including daily stand-ups, sprint planning, and retrospectives, ensuring on-time feature delivery.
- Collaborated with cross-functional engineering teams to analyze requirements, debug system issues, and implement robust software enhancements.
- Utilized Jira for task management, Confluence for documentation, and Git/Gerrit for version control and code review workflows.

Web Developer - Raahi (a startup company project)   Jan 2025 - Jul 2025

- Contributing to the backend development of the company's core web application using NestJS and TypeScript.
- Designing and implementing RESTful APIs and modular microservice components for scalable architecture.
- Collaborating with the frontend team to ensure seamless API integration and optimal performance.

EDUCATION

Bachelor of Science (Honours) in Electronics and Information Technology   Apr 2021 - Apr 2025
University of Colombo — Sri Lanka
Second Class Honours

G.C.E. Advanced Level Examination (Physical Science Stream)   Jan 2009 - Aug 2017
Maliyadewa Adarsha M.V — Kurunegala, Sri Lanka

- Chemistry – B
- Combined Mathematics – C
- Physics – C

SKILLS

- Java
- JavaScript / TypeScript
- Python
- Java EE
- HTML / CSS
- Tailwind CSS/ Bootstrap
- Angular / React
- NodeJs / ExpressJs
- Springboot
- NextJs
- NestJs
- MySQL
- MongoDB
- Posgres SQL
- C, C++ for MC programing
- Firebase
- AWS
- Adobe Softwares

PROJECTS

E-Commerce Website (Client Project)

- Built a full-stack MERN e-commerce platform with user authentication, admin dashboard, Stripe-based payments, and order tracking.
- Used MongoDB for data storage, Cloudinary for image hosting, and Node.js/Express.js for RESTful APIs.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Cloudinary

Point of Sale (POS) System – Ongoing Client Project

- Developing a POS system featuring inventory, orders, and customer management modules.
- Tech Stack: Spring Boot, React.js, MySQL

Movie Rating & Purchase Console App (Academic Project)

- Created a Java console application for purchasing and reviewing movies with CRUD operations, Hibernate ORM, and average rating calculations.
- Tech Stack: Java, Hibernate ORM

Photography Landing Page

- Designed a responsive landing website with a contact form, email integration, and WhatsApp chat support.
- Tech Stack: React.js, Node.js, Bootstrap, Nodemailer

Parcel Management System API for Chatbot (Group Project)

- Developed a Python FastAPI backend to extract tracking numbers and fetch parcel location data for chatbot integration.
- Tech Stack: Python, FastAPI

Tourism Website

- Developed a React-based tourism platform featuring destination articles and responsive UI to enhance user engagement. Focused on content presentation, SEO optimization, and smooth navigation.
- Tech Stack: React.js, HTML, CSS, JavaScript

EXTRACURRICULAR ACTIVITIES

- IT coordinator │ Astronomical Society of University of Colombo (2023 - 2024)
- IT coordinator │ Physics Club of University of Colombo (2023 - 2024)
- Marketing director │ Leo Club of University of Colombo (2022 - 2023)