

JAYASURYA PAZHANI

Junior Software Engineer / New Graduate | +1 (514) 814-2085 | Canada

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Java | React | Spring Boot | REST APIs | PostgreSQL | AWS

EDUCATION

Master of Software Engineering, Concordia University, Montreal, Canada Jan 2024 – Jun 2025

Master of Computer Applications, SRM University, India 2020 – 2022

Bachelor of Computer Science, SRM University, India 2016 – 2019

EXPERIENCE

Software Engineer Jan 2023 – Mar 2024

Cognizant *Chennai, India*

- Developed and maintained **15+ backend REST APIs** using **Java and Spring Boot** to support core enterprise application features.
- Implemented request validation, exception handling, and structured error responses to improve backend service reliability and debuggability.
- Designed and managed relational data models using **PostgreSQL**, supporting transactional workflows across multiple business entities.
- Integrated backend services with **React and Angular** frontends to deliver **10+ end-to-end features** involving API consumption and data flow.
- Wrote and maintained backend unit tests using **JUnit**, validating business logic and reducing regression issues during releases.
- Collaborated with cross-functional teams in an **Agile** environment, participating in sprint planning, code reviews, and production issue resolution.

Frontend Engineer Intern Jul 2024 – Aug 2024

Lump Financial Services *Montreal, QC*

- Built and shipped frontend components using **React** to support core user-facing workflows in a startup environment.
- Integrated frontend components with backend **REST APIs**, handling data rendering, loading states, and basic error scenarios.
- Collaborated with backend engineers and stakeholders to iterate on UI features based on functional and usability feedback.

Frontend Developer Intern Jun 2022 – Oct 2022

Space Zee *Chennai, India*

- Developed and maintained frontend components using **React**, integrating them with **Node.js/Express** backend APIs as part of a MERN stack.
- Contributed to production features used by end users, collaborating with the development team to support ongoing client-facing functionality.

Junior Software Engineer May 2019 – Jun 2020

Cognizant *Chennai, India*

- Implemented backend features and data validations using **Java and SQL** as part of an Agile development team.
- Assisted in resolving defects and delivering enhancements across development and testing cycles using **JIRA**.

PROJECTS

Enterprise Order & Inventory Management System

- Designed a full-stack system using **Java and Spring Boot** to manage orders, inventory, and user roles through RESTful APIs.
- Implemented transactional order processing and relational data modeling using **PostgreSQL** to ensure data consistency.

Job Application Tracking Platform

- Built a backend service using **Spring Boot** to track job applications, interview stages, and application status.
- Implemented a keyword-based resume-job matching feature to identify missing skills from job descriptions.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, SQL

Backend: Spring Boot, REST APIs, Node.js, Express

Frontend: React

Databases: PostgreSQL

Cloud & Tools: AWS, Docker, Git, Linux

Testing: JUnit, Jest