

# 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

<b>Master of Software Engineering</b> , Concordia University, Montreal, Canada	Jan 2024 – Jun 2025
<b>Master of Computer Applications</b> , SRM University, India	2020 – 2022
<b>Bachelor of Computer Science</b> , SRM University, India	2016 – 2019

## EXPERIENCE

<b>Software Engineer</b> Cognizant	Jan 2023 – Mar 2024 <i>Chennai, India</i>
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- 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.

<b>Frontend Engineer Intern</b> Lump Financial Services	Jul 2024 – Aug 2024 <i>Montreal, QC</i>
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- 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.

<b>Frontend Developer Intern</b> Space Zee	Jun 2022 – Oct 2022 <i>Chennai, India</i>
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- 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.

<b>Junior Software Engineer</b> Cognizant	May 2019 – Jun 2020 <i>Chennai, India</i>
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- 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