

Pravinthan Prabakaran

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SKILLS

LANGUAGES: JavaScript/TypeScript, Java, Kotlin, SQL/NoSQL, Python

TECHNOLOGIES: React/React Native, Redux, Next.js, GraphQL, Node.js, Express, Angular

TOOLS AND SYSTEMS: Docker, Git, CI/CD, AWS, Azure, GCP, Android SDK, JUnit, Jest, Playwright, DataDog

DATABASES: PostgreSQL, MySQL, MongoDB, Redis

CONCEPTS AND PATTERNS: Algorithms & Data Structures, OOP, HTTP, REST, Cloud-First Architecture, Domain-Driven Design, Message Queues, Test-Driven Development

AGILE DEVELOPMENT: Scrum, Kanban

EXPERIENCE

TOUCHBISTRO | TORONTO, ONTARIO

SENIOR FULL STACK DEVELOPER

January 2022 – Present

- Earned 3 promotions within 3 years, showcasing exceptional performance and leadership
- Developed Point of Sale and Guest Engagement systems, including loyalty programs, customer feedback and marketing tools, online ordering, payment processing, and reporting functionalities
- Spearheaded architectural initiatives to reduce complexity and enhance security, saving over \$10,000/year. Key achievements included migrating from Grails, adopting cookie-based authentication, transitioning from MySQL to PostgreSQL, and consolidating legacy microservices
- Optimized the mobile architecture by integrating Kotlin with React Native, establishing a more robust client-server model and enabling a scalable multi-device architecture
- Led the development of a shift management feature with Node.js, Next.js, PostgreSQL/Redshift, and Snowflake, adopted by over 1,000 customers
- Mentored junior developers and led Lunch & Learns to promote skill development and best practices
- Refactored and standardized shared UI libraries, improving user experience and enabling streamlined cross-team development workflows

OMERS | TORONTO, ONTARIO

ASSOCIATE FRONT-END ENGINEER

September 2020 – January 2022

- Developed an application with Next.js, Redux, and GraphQL to improve pension member support
- Automated a pipeline between JIRA and ServiceNow, reducing subscription costs by over \$15,000/year
- Developed an application with Gatsby and Contentful to automate quarterly newsletter creation, streamlining content delivery

UNIVERSITY OF TORONTO | MISSISSAUGA, ONTARIO

WEB DEVELOPER

June 2020 – August 2020

- Developed a tool that generates, presents, and automatically marks sets of algorithmically generated questions for students and instructors
- Utilized Vue, TypeScript, and CouchDB, ensuring a seamless experience for over 200 students

OPENTEXT | RICHMOND HILL, ONTARIO

SOFTWARE DEVELOPER (CO-OP)

May 2019 – December 2019

- Enhanced the Digital Asset Management product to centralize and streamline digital asset distribution
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EDUCATION

UNIVERSITY OF TORONTO | HBSc SOFTWARE ENGINEERING

2017 - 2022