

Pravinthan Prabakaran

 pravinthan.com  pravinthan.prabakaran@gmail.com  /pravinthan-prabakaran  /pravinthan

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, Cloud Platforms (AWS, Azure, GCP), Android SDK, JUnit, Jest, Playwright, DataDog
DATABASES	PostgreSQL, MySQL, MongoDB, Redis
CONCEPTS AND PATTERNS	Algorithms & Data Structures, OOP, HTTP, REST, Message Queues, Domain-Driven Design, Cloud-Native Architecture, TDD
AGILE DEVELOPMENT	Scrum, Kanban

EXPERIENCE

TOUCHBISTRO | TORONTO, ONTARIO

SENIOR FULL STACK DEVELOPER

January 2022 – Present

- Advanced through 3 promotions in 3 years, reflecting high performance and leadership potential
- Developed guest engagement and POS systems, including loyalty programs, customer feedback and marketing tools, online ordering, payment processing, and reporting functionalities
- Spearheaded architectural initiatives that reduced complexity and enhanced security, saving thousands annually. Key actions included migrating from Grails, transitioning from token-based to cookie-based authentication, shifting from MySQL to PostgreSQL, and consolidating legacy microservices
- Enhanced the mobile architecture by adopting Kotlin alongside React Native for a more robust client-server model, and led a project using a Node.js backend, a Next.js frontend, and PostgreSQL/Redshift databases that leveraged an ETL pipeline into a Snowflake data warehouse
- Mentored junior developers while leading Lunch & Learns and providing architectural guidance
- Maintained, refactored, and optimized shared UI libraries to improve code sustainability and user experience, promote best practices, and streamline cross-team development processes

OMERS | TORONTO, ONTARIO

ASSOCIATE FRONT-END ENGINEER

September 2020 – January 2022

- Utilized Next.js, Redux, and GraphQL/REST APIs to develop a cloud application that is used by the pension services team to serve pension members, migrating away from the old system to free resources
- Developed a middleware between JIRA and ServiceNow that automates work pipelines, saving \$15,000/year in ServiceNow subscriptions
- Leveraged Gatsby and Contentful to develop an application used to create quarterly newsletters

UNIVERSITY OF TORONTO | MISSISSAUGA, ONTARIO

WEB DEVELOPER

June 2020 – August 2020

- Expanded feature set for UTORMAT, a tool that generates, presents, and automatically marks sets of algorithmically generated questions for students and instructors
- Developed in Vue, TypeScript, and CouchDB, and wrote unit tests to minimize disruption to 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

EDUCATION

UNIVERSITY OF TORONTO | HBSc SOFTWARE ENGINEERING

2017 - 2022