# SKILLS

Languages: TypeScript / JavaScript, Python, C#, Rust, C / C++, Kotlin, Java

Tools: React.js, Django, Expo / React Native, ASP.NET Core, Docker, AWS, Nest.js / Express.js, Terraform

# **EXPERIENCE**

#### Mobile Developer Intern

☑ rajatpatwari@gmail.com

Stealth Startup | Remote - New York City, NY

 Implemented a flow for users to select add-ons as purchase customization options in order to increase average transaction revenue in the Expo / React Native mobile application.

Rajat Patwari

🖸 patwarir

Consolidated logging logic between monitoring and analytics platforms to improve issue detection efficiency.

#### Full Stack Developer Intern

Texada Software | Mississauga, ON

- Supported the migration of a legacy web application to **Django + React.js** providing developer productivity enhancements and improving responsiveness by approximately 200 milliseconds.
- Increased total unit and integration test coverage for the entire full stack application from 75% to 84%, improving the accuracy and validity of the code base.

### Full Stack / Infrastructure Developer Intern

Get ResQ | Toronto, ON

- Developed a seed environment with ordered randomized data, improving operational efficiency during setup for product pitches, demos and advertisements.
- Released a customer-facing analytics feature for tracking B2B spending using **Django + React.js** and **React Native** ٠ allowing 5,000+ customers to reduce capital and operational expenses.

## Full Stack Developer Intern

Borrowell | Toronto, ON

- Implemented a new customer payment plan feature in **Angular + ASP.NET Core** which increased product revenue by up to 10% on average across all plans.
- Streamlined the customer experience by automating pre-authorized debit transactions, resulting in time savings for the customer service team and reducing processing times for customers.

#### **Backend Developer Intern**

Crescendo Technology | Remote - Toronto, ON

Designed and implemented an automated pipeline service in .NET Core utilizing gRPC Protobuf which archived up to 15,000 user records per second from MongoDB to Google Cloud BigQuery based on configurable parameters.

#### Full Stack Developer Intern

Texada Software – Uptake Canada | Remote – Mississauga, ON

Enhanced REST endpoints in a Nest.js / Express.js backend to control access, fix timeouts and prevent data loss.

## PROJECTS

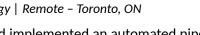
**Operating System - Samudra** [https://github.com/patwarir/samudra-os]

Created an operating system for RISC-V computers in Rust that allows kernel WebAssembly modules.

#### Programming Language - Vertex [https://github.com/patwarir/vertex-mirror]

Developed a new stack-based assembly language for a virtual machine in C#.

# **EDUCATION**



Sep 2024 - Dec 2024

Jan 2024 - Apr 2024

May 2023 - Aug 2023

Sep 2022 - Dec 2022

Jan 2022 - Apr 2022

May 2021 - Aug 2021

Sep 2023

Aug 2020