

THARSEKEN NAVAJEEVAYOKAN

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SUMMARY

Languages	JavaScript, SQL, Python, Swift, Java, C++
Frameworks	React, Node.js, Express
Development Tools	Git, Linux, Swagger, Docker

EXPERIENCE

Full-Stack Software Developer

Markham, ON

TimeSaved Inc.

May – Aug '19

- Designed and implemented microservices and RESTful APIs for user management and core business logic
- Created and improved reusable web components using technologies such as React, Redux, and Formik
- Refactored server database logic to use data aggregation pipelines, reducing data processing times by 11%
- Developed a real-time group messaging platform between web and mobile clients using socket libraries
- Integrated user data infrastructure to increase analytical data intake by 67% and allow for data pipelining to Google Analytics

Front-End Software Developer

Toronto, ON

EllisDon Corporation

Sept – Dec '18

- Implemented layouts and wireframes provided by UX designers using React's JavaScript framework
- Maintained and created scalable web application components used throughout platform
- Leveraged Redux and Reducers to efficiently manage and modify the state of the web application
- Assisted backend developers to optimize API endpoints to create efficiencies by deprecating unused APIs

Software Automation Engineer

Mississauga, ON

Nissan Canada Inc.

Jan – Apr '18

- Designed and developed automation test suites and framework for web application using Java and Selenium
- Drafted and executed test cases and regression testing to identify and document software issues
- Worked cross-team with development and automation teams to complete testing on product releases

PROJECTS

Social Networking Web Application



Language(s): JavaScript, HTML, CSS | Stack: MongoDB, Express, React, Node.js

- Developed a social network web-based application utilizing a MERN JavaScript development stack
- Implemented OAuth 2.0-based user authentication strategies using PassportJS and JWT tokens
- Handled and dispatched HTTP requests from a NodeJS server using Express
- Integrated CRUD operations using a MongoDB database

Mobile Messaging App



Language(s): Swift

- Developed an instant messaging application based on a MVC design structure
- Implemented Google Firebase NoSQL database and authentication service to securely store message info

Stock Predictor & Analyzer



Languages: Python

- Developed a basic stock data scraper and classifier to identify when to buy, sell, or hold a particular stock based on previous stock prices
- Analyzed and manipulated data using libraries including Pandas, Matplotlib, Numpy, and SK-Learn

EDUCATION

University of Waterloo

Sept '17 – Apr '22

Candidate for Honours Bachelor of Applied Science in Computer Engineering

GPA: 3.3