

THARSEKEN NAVAJEEVAYOKAN

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SUMMARY

Languages	JavaScript, SQL, C/C++, Python, Swift, Java
Frameworks & Technologies	React, Node.js, Express, MongoDB/CosmosDB
Development Tools	Git, Linux Environment, Swagger, Docker, Jira

EXPERIENCE

Full-Stack Software Developer Intern <i>TimeSaved Inc.</i>	May – Aug '19 Markham, ON
<ul style="list-style-type: none">Designed and implemented microservices and RESTful APIs for user management and core business logicCreated and improved reusable web components using technologies such as React, Redux, and FormikRefactored 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 librariesIntegrated user data infrastructure to increase analytical data intake by 67% and allow for data pipelining to Google Analytics	

Front-End Software Developer Intern <i>EllisDon Corporation</i>	Sept – Dec '18 Toronto, ON
<ul style="list-style-type: none">Implemented layouts and wireframes provided by UX designers using React's JavaScript frameworkMaintained and created scalable web application components used throughout platformLeveraged Redux and Reducers to efficiently manage and modify the state of the web applicationAssisted backend developers to optimize API endpoints to create efficiencies by deprecating unused APIs	

Software Automation Engineer Intern <i>Nissan Canada Inc.</i>	Jan – Apr '18 Mississauga, ON
<ul style="list-style-type: none">Designed and developed automation test suites and framework for web application using Java and SeleniumDrafted and executed test cases and regression testing to identify and document software issuesWorked cross-team with development and automation teams to complete testing on product releases	

PROJECTS

Social Networking Web Application <i>JavaScript Stack: MongoDB, Express, React, Node.js</i>
<ul style="list-style-type: none">Developed a social network web-based application utilizing a MERN JavaScript development stackImplemented OAuth 2.0-based user authentication strategies using PassportJS and JWT tokensHandled and dispatched HTTP requests from a NodeJS server using ExpressIntegrated CRUD operations using a MongoDB database

Mobile Messaging App <i>Swift, Google Firebase, ChameleonFramework</i>
<ul style="list-style-type: none">Instant messaging app utilizing an MVC design structure to securely send/recieve multi-media messagesImplemented Google Firebase's NoSQL database and authentication service to securely store message info

Stock Predictor & Analyzer <i>Python, BeautifulSoup, Pandas</i>
<ul style="list-style-type: none">A basic stock data scraper and classifier to identify when to buy, sell, or hold a particular stock based on previous stock pricesAnalyzed and manipulated data using libraries including Pandas, Matplotlib, Numpy, and SK-Learn

EDUCATION

University of Waterloo <i>Candidate for Honours Bachelor of Applied Science in Computer Engineering</i>	Sept '17 – Apr '22 GPA: 3.3
<ul style="list-style-type: none">Relevant Courses: Algorithms and Data Structures, Fundamentals of Programming, Systems Programming and Concurrency, Numerical Methods, Embedded Microprocessor Systems	