

# THARSEKEN NAVAJEEVAYOKAN

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## SUMMARY

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

## EXPERIENCE

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<b>Full-Stack Software Developer Intern</b> <i>TimeSaved Inc.</i>	Markham, ON May – Aug '19
<ul style="list-style-type: none"><li>Designed and implemented microservices and RESTful APIs for user management and core business logic</li><li>Created and improved reusable web components using technologies such as React, Redux, and Formik</li><li>Refactored server database logic to use data aggregation pipelines, reducing data processing times by 11%</li><li>Developed a real-time group messaging platform between web and mobile clients using socket libraries</li><li>Integrated user data infrastructure to increase analytical data intake by 67% and allow for data pipelining to Google Analytics</li></ul>	

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

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

## PROJECTS

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

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

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

## EDUCATION

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<b>University of Waterloo</b> <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"><li>Relevant Courses: Algorithms and Data Structures, Fundamentals of Programming, Systems Programming and Concurrency, Numerical Methods, Embedded Microprocessor Systems</li></ul>	