

<div>Piran Aminullah</div> <div>London, ON piranaminullah@gmail.com LinkedIn Github Personal Website</div>	
Education	
<div>Western University</div> <div>Bachelor's of Engineering Science, Software Engineering</div> <ul style="list-style-type: none"> Western Engineering Co-op/Internship Program Course Work: Data Structures and Algorithms, Databases, Networking, Software Engineering Design, Software Project and Process Management, Software Design, Computer Information Security, Data Science/Machine Learning, Digital Logic Systems, Microprocessors/Microcomputers, Operating Systems, Artificial Intelligence I & II, Cloud Computing 	<div>London, ON</div> <div>Sept 2020 - Apr 2024</div>
Work Experience	
<div>hyperPad</div> <div>Junior Software Engineer</div> <ul style="list-style-type: none"> Architected and developed core features for a major financial platform serving 100,000+ professionals through contracting work, including complex investment account visibility algorithms and form component modernization. Led full-stack development of a comprehensive schema management and translation system, enabling dynamic form generation and multi-language support across 7 languages using i18n integration Designed and implemented Domain-Specific Language (DSL) processors for automated schema translations, significantly improving administrator efficiency and reducing manual configuration overhead Developed comprehensive test suites using Cucumber, RSpec, and Jest, ensuring robust UI functionality and backend reliability in a regulated financial environment Technologies Used: Ruby on Rails 6/7, React.js, JavaScript, TypeScript, i18n, GitLab, Cucumber, RSpec, Jest, Material-UI, Docker, AWS, Redux, Redis, Honeybadger, Okta 	<div>London, ON</div> <div>Jan 2025 - Current</div>
<div>hyperPad</div> <div>Software Developer Internship</div> <ul style="list-style-type: none"> Spearheaded backend infrastructure upgrades, migrating Ruby on Rails systems from version 6 to 7 while maintaining production stability for high-traffic financial applications Enhanced and maintained backend systems using Ruby on Rails and Node.js, focusing on upgrading legacy codebases to improve scalability and performance Delivered dynamic and responsive features for React.js and React Native applications, ensuring seamless user experiences across platforms Technologies Used: Ruby on Rails 6/7, React.js, React Native, Node.js, JavaScript, TypeScript, i18n, GitLab, Cucumber, RSpec, Jest, Material-UI, Docker, AWS, Redux, Redis 	<div>London, ON</div> <div>Sept 2024 - Jan 2025</div>
<div>HiCoder</div> <div>Software Engineer Internship</div> <ul style="list-style-type: none"> Led design and development of scalable server-side applications using Node.js, enhancing performance and reliability, while developing responsive client-side features using React.js. Assisted in building and implementing RESTful APIs, facilitating efficient communication between server and client applications. Diagnosed and resolved performance bottlenecks in Node.js applications, improving application responsiveness and user experience. Technologies Used: Node.js, Express.js, React.js, JavaScript, HTML, CSS, Material UI/ThemeUI 	<div>Canada (Remote)</div> <div>Jun 2024 - Sept 2024</div>
Engineering Projects	
<div>Intelligent Traffic Management System - https://github.com/piran777/Capstone</div> <ul style="list-style-type: none"> Built ML traffic prediction system using random forest classifier to accurately forecast intersection congestion patterns and optimize route planning. Developed Python heat map algorithm to identify high-traffic zones in London, Ontario, integrated with Google Maps API for real-time visualization. Utilized: Python, Pandas, Streamlit, Git, Jira/Confluence. 	<div>London, ON</div>
<div>ContentCraft - Full-Stack Publishing Platform - https://github.com/piran777/Full-Stack-Blogging-Platform</div> <ul style="list-style-type: none"> Engineered a comprehensive content management system with user authentication, role-based access control, and dynamic post creation/editing capabilities Implemented secure user registration, JWT authentication, and database-driven commenting system with content tagging functionality Built responsive frontend interface and RESTful API backend, enabling seamless content publishing and user interaction Utilized: JavaScript, React.js, Node.js/Express, Authentication Middleware, Database Integration, RESTful APIs. 	<div>London, ON</div>
<div>Technology:</div> <div>Languages: JavaScript, TypeScript, Python, Ruby, Java, C/C++, C#</div> <div>Frontend: React.js, React Native, HTML/CSS, Material-UI, SCSS</div> <div>Backend: Node.js/Express, Ruby on Rails 6/7, Spring Boot, RESTful APIs</div> <div>Databases: MySQL, MongoDB, Redis</div> <div>DevOps & Cloud: Docker, Kubernetes, AWS, GCP, GitLab</div> <div>Tools & Testing: Git, Cucumber, Selenium, RSpec, Jest, Jira/Confluence, Wireshark, Mininet, Honeybadger, Okta</div> <div>Libraries: Pandas, Streamlit, i18n, Redux</div>	