

Piran Aminullah		
London, ON   <a href="mailto:piranaminullah@gmail.com">piranaminullah@gmail.com</a>   <a href="#">LinkedIn</a>   <a href="#">Github</a>   <a href="#">Personal Website</a>		
Education		
<b>Western University</b> <i>Bachelor's of Engineering Science, Software Engineering</i> <ul style="list-style-type: none"> <li>Western Engineering Co-op/Internship Program</li> </ul>		London, ON Sept 2020 - Apr 2024
Work Experience		
<b>hyperPad (Client: Financial Services Platform)</b> <i>Software Engineer</i> <i>Full-stack engineer on enterprise financial platform serving 100,000+ investment professionals</i> <ul style="list-style-type: none"> <li>Developed comprehensive multi-language form system supporting 7 languages (English, French, Spanish, Portuguese, German, Italian, Japanese), enabling international platform expansion and eliminating manual translation workflows for platform administrators</li> <li>Built investment account visibility features and modernized legacy form components for regulated financial platform, directly impacting daily workflows of thousands of financial advisors</li> <li>Architected schema management system with custom Domain-Specific Language (DSL) for automated translations, reducing configuration overhead by 60% and accelerating feature deployment timelines</li> <li>Designed and implemented comprehensive testing infrastructure using Cucumber, RSpec, and Jest, ensuring 95%+ test coverage and robust functionality in compliance-critical financial environment</li> <li>Collaborated with cross-functional teams to deliver features in an Agile environment, participating in code reviews and maintaining high code quality standards</li> <li>Tech Stack: Ruby on Rails 7, React, TypeScript, PostgreSQL, Redis, AWS, Docker, Material-UI, Redux, GitLab, Okta</li> </ul>		London, ON Jan 2025 - Current
<b>hyperPad</b> <i>Software Developer Internship</i> <ul style="list-style-type: none"> <li>Led the Ruby on Rails 6 to 7 migration for a production backend used by a major client, achieving zero downtime and improved performance</li> <li>Developed features for a React Native sports recommendation app, implementing AI-driven content suggestions and user engagement components</li> <li>Contributed to full-stack development across multiple client projects, building scalable backend logic and modern mobile features</li> <li>Tech Stack: Ruby on Rails 6/7, React Native, Node.js, TypeScript, AWS, Docker</li> </ul>		London, ON Sept 2024 - Dec 2024
<b>HiCoder</b> <i>Software Engineer Internship</i> <ul style="list-style-type: none"> <li>Led design and development of scalable Node.js backend services and responsive React frontends for client applications</li> <li>Built and implemented RESTful APIs facilitating efficient communication between server and client applications</li> <li>Diagnosed and resolved performance bottlenecks in Node.js applications, improving application response times by 40% and enhancing overall user experience</li> <li>Tech Stack: Node.js, Express, React, JavaScript, HTML, CSS, Material-UI</li> </ul>		Canada (Remote) Jun 2024 - Sept 2024
Engineering Projects		
<b>Intelligent Traffic Management System</b> - <a href="https://github.com/piran777/Capstone">https://github.com/piran777/Capstone</a> <ul style="list-style-type: none"> <li>Built ML traffic prediction system using random forest classifier to accurately forecast intersection congestion patterns and optimize route planning</li> <li>Developed Python heat map algorithm to identify high-traffic zones in London, Ontario, integrated with Google Maps API for real-time visualization</li> <li>Tech: Python, Pandas, Streamlit, Git</li> </ul>		London, ON
<b>ContentCraft - Full-Stack Publishing Platform</b> - <a href="https://github.com/piran777/Full-Stack-Blogging-Platform">https://github.com/piran777/Full-Stack-Blogging-Platform</a> <ul style="list-style-type: none"> <li>Engineered comprehensive content management system with user authentication, role-based access control, and dynamic post creation/editing capabilities</li> <li>Implemented secure user registration, JWT authentication, and database-driven commenting system with content tagging functionality</li> <li>Built responsive frontend interface and RESTful API backend, enabling seamless content publishing and user interaction</li> <li><b>Tech:</b> React, Node.js/Express, MongoDB, REST APIs</li> </ul>		London, ON
<b>Technology:</b> <b>Languages:</b> JavaScript, TypeScript, Python, Ruby, Java, C/C++, C# <b>Frontend:</b> React.js, React Native, HTML/CSS, Material-UI, SCSS <b>Backend:</b> Node.js/Express, Ruby on Rails 6/7, Spring Boot, RESTful APIs <b>Databases:</b> MySQL, MongoDB, Redis <b>DevOps &amp; Cloud:</b> Docker, Kubernetes, AWS, GCP, GitLab <b>Tools &amp; Testing:</b> Git, Cucumber, Selenium, RSpec, Jest, Jira/Confluence, Wireshark, Mininet, Honeybadger, Okta <b>Libraries:</b> Pandas, Streamlit, i18n, Redux		