Jean-Paul Saliba

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Professional Summary

Software Engineering graduate with hands-on experience building full-stack web applications, mobile tracking systems, and data-driven platforms using React, Node.js, Python, and SQL. Proven ability to design and optimize scalable systems, develop RESTful APIs, and deliver responsive, user-focused interfaces with measurable performance improvements. Strong foundation in software development, cloud technologies, and agile collaboration, with experience improving real-world business systems through Shopify and production-level projects.

Projects

Atlas | *React-Native, Javascript, MySQL, GluestackUI, SSE, ExpressJS*
- Created a low-cost tracker device using an Arduino called Atlas
- Implemented an app where users can track various items and view the location of the tracker within the mobile app
- Leveraged Git and GitHub for version control, employing branching strategies and bug fixes within the development team

Full-Stack Expense Tracker | *Javascript, React, Tailwind CSS, Node JS, Express JS, MongoDB, Git, Postman*
- Developed a full-stack Expense Tracking Web Application, enabling users to manage income and expenses with secure authentication
- Designed and implemented RESTful APIs for income, expense, and dashboard analytics, including aggregation of financial data (totals, trends, recent transactions)
- Built dynamic and responsive UI components with React and Recharts, visualizing financial insights through bar charts, pie charts, and line graphs
- Implemented core features such as CRUD operations, real-time updates, and data validation, improving user experience and ensuring accurate financial tracking

Content Based Image Retrieval | *Python*
- Collaborated with team members to implement Radon Barcode transformation in Python, enabling barcode recognition across 100 images in under 25 seconds
- Demonstrated problem-solving and software performance optimization
- Applied threshold projections and Hamming distance algorithms to achieve 88% image retrieval accuracy
- Developed an optimized search algorithm, reducing complexity from $O(n^2)$ to $O(n)$

Elegance Protection | *Squarespace*
- Developed and launched a fully responsive website for Elegance Protection and Intelligence Services, highlighting 20+ years of industry expertise
- Applied front-end development skills to customize branding, UI/UX design, and functionality, ensuring professional and intuitive user experience
- Implemented SEO best practices and performance optimizations to increase discoverability and improve overall site responsiveness

Employment

City Soccer Plus Inc **Sept. 2023 – Present**
Software Developer *Richmond Hill, Canada*

- Developed and optimized Shopify storefront features using Liquid, JavaScript, and CSS to improve product filtering and user experience
- Optimized product pages and storefront layout to enhance user experience and increase customer engagement
- Integrated third-party Shopify apps and APIs to enhance store functionality and data accuracy
- Diagnosed and resolved Shopify theme and backend issues, improving site performance and reliability

Education

Ontario Tech University **Sep. 2019 – Apr. 2024**
Bachelor of Engineering (B.Eng) in Software Engineering *with High Distinction* *Oshawa, Canada*
Cumulative GPA: 3.86

Technical Skills

Languages: Java, C++, Python, JavaScript, HTML5, CSS, PHP, SQL
Frameworks: React, Bootstrap, Flask, Angular, MongoDB
Technologies: Google Cloud Platform, Confluent Cloud, Apace Kafka, Kubernetes
Developer Tools: Git, GitHub, Docker, Android Studio, Unix shell, Firebase, MacOS Terminal, Linux, Node package manager
Databases: MySQL, SQLite3