

Leonardo Nigro

Computer Engineering

Jobs@leonardonigro.com • www.leonardonigro.com • github.com/Leosly7663

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C , MySQL, Java, Kotlin, Swift

Frameworks and Services: React, React Native, AWS S3, Vercel, Next.js, Django, Ruby

Operating Systems: Windows XP/Vista/7/8/10/11, Linux Mint/Ubuntu/Red Hat, MacOS

PROFESSIONAL EXPERIENCE

Software Developer | Life of A Server INC. | Elora, ON

April 2023 - Present

- Spearheaded the successful transition from a **PHP** web app to a **React Native** cross-platform application, optimizing performance and user experience with native development options.
- Utilized AWS for cloud computing, integrating a **Django** API and MySQL RDS for backend web services.
- Maintained a robust GIT CI pipeline, streamlining the integration of updates into a parallel production instance.
- Orchestrated collaboration with an external development team using **Jira** and **Teams**, translating concepts into executable code.

Secondary School Tutor | Tutorax

Jan - April 2022

- Individually mentor students in Math, Physics and Computer Science, explaining challenging concepts and reinforcing learning from in-class with exercises and practice problem sets.
- Saw an overall 15% grade point average boost from years without tutor support.
- Coordinate billing, time slots and student progress with parents.

LEADERSHIP EXPERIENCE

Head of Development | LIFE OF A SERVER INC

Dec 2023 - Present

- Re-envisioned the design and future of the App. Revaluating the potential profit and future of the past design.
- Met with CEOs and members of the board frequently to discuss marketing improvements, through the redevelopment of the E-Commerce web store, facilitating higher profits and longer user retention.
- Maintained a GitHub Enterprise account, implementing branch rules, clean code practices and team collaboration.

PROJECTS

POWERPOINT GPT | Personal Project

February 2022

- Developed a fully functional **Python** wrapper to interact with **GPT-4.0 API** access keys, seamlessly incorporating python's capabilities into PowerPoint generation.
- Integrated python-pptx, to develop automated presentation generation. Facilitated dynamic slide creation using content generated by GPT-4.0, enabling rapid production of professional-quality presentations.

Python Weather HUD | Personal Project

June 2019

- Created a Weather HUD in Pythons Tkinter module for desktop applications, Backed by BS4 and Pillow to web scrape live weather statistics from weather.gc.ca.
- Maintained project code for 4 years and improved as skills grew.

EDUCATION

The University of Guelph | Guelph, ON

B.Eng. in Computer Engineering

April 2027

Relevant Courses: Computer Organization, Data Structures, Foundations of Programming, OOP