Ronan Lee

Full Stack Developer

Prince George, BC (open to relocation anywhere in Canada) | +1 250 301 7487 | ronan.t.lee@gmail.com
ronanlee.app | github.com/rownone

PROFESSIONAL SUMMARY

Full Stack Developer with more than 13 years of experience designing, building, deploying and maintaining web applications, websites and frameworks. Builds modern front ends with React, Next.js and TypeScript, and back ends with PHP, Node.js and REST APIs on MySQL and PostgreSQL, deployed to AWS and Vercel. Experienced in C#.NET / ASP.NET MVC, WordPress theme and plugin development, Solidity smart contracts, and workflow automation with Google Apps Script. Worked on an Agile team in iterative sprints, and uses an AI-assisted workflow with the Cursor coding agent on Git feature branches, reviewing and merging pull requests.

TECHNICAL SKILLS

Front End: React, Next.js, TypeScript, JavaScript, WordPress (custom themes)
Back End: PHP, Node.js, Python, C#.NET, ASP.NET MVC, REST APIs, serverless APIs, WordPress (custom plugins)
Databases: MySQL, PostgreSQL, Microsoft SQL Server
Cloud & DevOps: AWS (EC2, S3, Lambda, SES, IAM), Vercel, Docker, cloud deployment, software configuration, system integration
Web3: Solidity, ERC tokens, Base (Ethereum Layer 2), smart contracts (token, DAO, token sale, airdrop), wallet integration
Automation: Google Apps Script
Tools & Practices: Git, AWS CodeCommit, SVN, Agile iterative sprints, AI-assisted development (Cursor), pull request review
Support: Troubleshooting, root cause analysis, incident resolution, hardware and software support

PROFESSIONAL EXPERIENCE

Full Stack Web Developer, Freelance (part-time, project-based) | **Zipsite.net** **Aug 2023 – Present**
Remote | Side business, alongside full-time Varsteel role

- Design and develop decentralized applications (dApps) with Next.js, React, TypeScript and Solidity, from smart contract to user interface.
- adao.ai: created and deployed the ADAO token on Base (Ethereum Layer 2) and built the site where users buy the token.
- venturebuilder.com: built a dApp that lets users deploy an ERC token for their own domain.
- app.vnoc.com: built a dApp that lets users airdrop tokens, integrated with blockchain wallet workflows.
- Built embeddable widgets that let users buy and exchange tokens directly from partner websites.
- Migrated sites including vnoc.com, handyman.com, referrals.com, domaindirectory.com and dntrademark.com from PHP to Next.js, moving hosting from AWS servers to Vercel for significantly faster page loads and lower hosting costs.

Programmer / Draftsperson (Full-time) | **Varsteel Ltd.** **Sep 2023 – Present**
Prince George, BC

- Developed, deployed and maintain an automated work order scheduling, tracking and alert system in Google Apps Script that handles more than 50 work orders per week and cut order-tracking time by about 50% through real-time visibility into order status.
- Developed a web application that makes it easy for staff to update production data and workflows.
- Use AI to draw part profiles for quotations and orders, cutting drafting and quoting time by about 50%.
- Designed and implemented advanced nesting strategies to optimize material usage and increase production throughput.

- Provide technical support and troubleshooting for CNC machine programming (plasma, press brake), finding and resolving root causes to minimize production downtime.

Full Stack Developer | **Contrib.com** **May 2010 – Aug 2023**

Remote

- Contributed to a network of 20,000+ websites and web applications as one of 4 developers on an 8-person team with web designers and content/QA managers.
- Designed, developed, deployed and supported custom PHP, JavaScript, WordPress and database-driven applications on MySQL and PostgreSQL.
- Hosted and managed sites and applications on AWS (EC2, S3, IAM, SES, Lambda).
- Developed custom WordPress themes and plugins to meet client requirements.
- Worked in iterative sprints on an Agile team, handling installation, configuration, integration and long-term maintenance of applications.
- Supported teammates with troubleshooting, deployments, system usage and workflow improvements.

Full Stack Developer (Freelance Contract) | **Scanpointusa** **Apr 2014 – Mar 2015**

Remote | Contract held alongside Contrib.com role

- Developed the Easy File web application using C#.NET and ASP.NET MVC.
- Implemented web services to retrieve, update and manage server-side data.
- Built a dynamic PDF tagging feature that extracts text and metadata from PDF documents.

EDUCATION

Bachelor of Science in Computer Science | University of Mindanao, Davao City, Philippines | 2003

Assessed by IQAS (Nov 2023) as comparable to a three-year Canadian bachelor's degree in computer science.