Julian Philip Hernandez

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WORK EXPERIENCE

Principal Full Stack Engineer, Questrade Financial Group   **Mar 2023 – Nov 2024**

- **Led frontend architecture and development** for 20+ engineers (cross-team), implementing engineering best practices, and delivering 10+ scalable Angular micro-frontends for a **$20M/year** digital insurance platform.
- Partnered with cross-functional teams, including product managers, UX and BE leads, to design and deliver performant and accessible user-focused apps, resulting in a **33% improvement in broker efficiency.**
- Guided a feature team of 4 UI engineers, fostering a culture of engineering excellence, which resulted in a **98% engagement rate**, a **100% improvement in engineering velocity**, and consistently earning top performance ratings.
- Authored comprehensive technical documentation, including recorded videos of knowledge-sharing sessions, reducing onboarding time for new engineers by **40%** and cultivating a collaborative engineering culture.

Founding Full Stack Engineer, AstridDAO – Web3 Global Reserve Bank   **Apr 2022 – Dec 2022**

- Built the company's MVP (frontend), including the design and implementation of a compelling landing page, leading to a $1.5M seed funding round and establishing its market presence.
- **Owned the frontend development** resulting in the successful execution of multiple product redesigns, culminating in roughly **$50M in total locked value** and its position as the **#1 stablecoin** in the network.
- Implemented a robust CI/CD pipeline with GitHub Actions and AWS, **reducing release time by 50%** through automated testing, linting, and auto-deployments to prod and non-prod environments.

Senior Consultant, Capco, (Advisor Portal UI - IGM Financial)   **May 2021 – Apr 2022**

- **Led strategic planning for project phases**, collaborating with stakeholders and business analysts to deeply analyze requirements and create an engineering roadmap, resulting in a refined product with improved user experience.
- **Automated key features** like cancelation requests and form validation, reducing manual data entry by **25%** and improving processing speed by **50%.**
- Spearheaded the implementation to **achieve WCAG 2.0 Level AA compliance**, improving 10+ critical user flows.
- **Mentored less experienced engineers**, delivering specialized training for Capco's ATP program, enhancing their critical thinking and technical skills to address business challenges.

Consultant, Cybage Software Canada, (Ordering Project - Element Fleet Management)   **Mar 2020 – May 2021**

- Spearheaded the creation of a comprehensive UI component library and **provided technical guidance to 25+ UI teams (60+ developers),** resolving dependencies, auditing wireframes, and overseeing release management processes, reducing technical debt, and achieving a **900%** improvement in engineering velocity.
- Led **a feature team of 3 Sr. UI developers** to deliver key features including a user access control framework and a bulk notification panel, enhancing the application's security and the user's workflow.

Software Developer, IBM Canada   **Jun 2018 – Mar 2020**

- Gained hands-on experience in leading teams, scaling enterprise applications, collaborating with cross-functional teams to deliver innovative solutions, and strengthened expertise in modernizing legacy systems.

Full Stack Software Developer, Fivel Systems Corporation   **Jan 2017 – May 2018**

- Gained versatile experience in a startup environment as 1 of 3 engineers, developing strong foundational skills across multiple responsibilities including performance optimization and modernizing legacy environments.

SKILLS

- **Frontend Technologies & Frameworks:** TypeScript, JavaScript, Angular (v1.3–19), React (v18), swr, NgRx, RxJS, Redux, Tailwind CSS, Chakra UI, SCSS, Less, ThemeUI, Emotion.js, BEM, Bootstrap, Material/ Carbon/ Lightning Design Systems, Module Federation, Nx, Lerna, Webpack, Micro Frontends, Ionic/ Cordova
- **Backend & Other Skills:** Node.js, NestJS, Express.js, MongoDB, PostgreSQL, AWS (S3, CloudFront, Lambda), Docker, Microservices, Web3 (Web3.js, Ethers.js, Hardhat), Jenkins, GitHub Actions, Agile Methodologies, CI/CD Pipelines, Testing (Jest, Mocha, Chai, Jasmine, Cypress, React Testing Library)

EDUCATION

Seneca Polytechnic, Computer Programming with High Honours, 4.0/4.0 GPA   **Sep 2015 – April 2018**

- President's Honour List | Marcus Udokang Computer Science Award | Languages: C,C++, C#, Java, Python, PHP, SQL