

PEDRO J. RESTREPO

FULL STACK DEVELOPER

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<https://github.com/PedroRestrepo>
<https://www.linkedin.com/in/pedrorrestrepo/>

EDUCATION

UNIVERSITY OF CALGARY, AB,
CANADA
Bachelor of Science, Software
Engineering
May 2016

SKILLS

- Software Development
- Systems Programming
- Troubleshooting & Debugging
- API Design & Algorithms
- Full Stack Development
- Enterprise Implementations
- Software Development Lifecycle
- Team Building & Leadership
- Agile Methodologies
- Advanced Critical Thinking

CERTIFICATIONS

[AWS Certified Cloud Practitioner](#)

LANGUAGES

English - Fluent
Russian - Fluent
Spanish - Fluent

PROFILE SUMMARY

Visionary Full Stack Developer and Founder with over 8 years of comprehensive experience in software development and 4 years leading a successful start-up. Demonstrated ability to build software products from ground up and scale teams efficiently. Equally adept at hands-on coding and managing aspects of business operations, I have a knack for translating complex problems into scalable solutions, creating products that meet market needs, and leading cross-functional teams to achieve company objectives.

WORK EXPERIENCE

Founder / VP of Engineering Jul. 2019 - Now KnowHow, Calgary, AB (Remote)

- Created a product from scratch that has generated over a million-dollar ARR from subscriptions
- Scaled the engineering team from 1 developer (myself) to a full department (4 developers, 1 QA, 1 UX/UI, 2 PM)
- Plan, manage, and help execute the implementation of new software functionality from the ground up; work closely with the customer throughout the development cycle ensuring the proposed design met customer requirements
- Designed a cloud infrastructure to infinitely scale based on the demand (using ECS, ECR, Autoscaling policies, Application Load balancer)
- Fully automated CI/CD pipeline through GitHub Actions
- Technologies used: React (JavaScript), Redux, React Native (Expo), Django Rest Framework (Python), Celery, Django Channels, RDS (PostgreSQL), ECS, ECR, MQ (RabbitMQ)

Full Stack Software Developer Jan. 2019 - Jul. 2019 Bootkik, Calgary, AB

- Collaborate with 5 local and remote developers in the building and successful deployment of Bootkik's web and mobile app products
- Lead adoption of agile software practices including bi-monthly team sprints, storytime sessions, daily scrums, and more
- Troubleshoot issues affecting production, stage, and development environments as requested; provide progress reports to management and other affected stakeholders
- Technologies used: React, Webpack, Sass, Redux, Django Rest Framework, MySQL

Full Stack Software Developer Mar. 2018 - Oct. 2018 TikTiks, Calgary, AB

- Created several React products from scratch using different architectures and implemented code quality standards to the front-end react platform
- Researched, designed and implemented new feature on our web-based clients; provided technical advice and assisted in solving programming problems
- Displayed strong working knowledge of development techniques and methodologies
- Technologies used: React, Webpack, JavaScript, Sass, Redux (with Saga), Mobx

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EXTRACURRICULAR ACTIVITIES

Member of the Team Canada F7 Soccer team

- Represented Canada National Team in the World Cup 2014 in Curitiba, Brazil
- Represented "Global Style" FC in the Clubs Championship 2015 in Rio de Janeiro, Brazil

Full Stack Software Developer / Scrum Master May 2016 – Mar. 2018 Pureweb (formerly known as Calgary Scientific), Calgary, AB

- Acted as a scrum master to lead and facilitated key scrum meetings
- Collaborated with the architecture and support team on big architecture changes in the product
- Modularized part of the application using gradle to improve speed of brand specific software build
- Responsible for the coding, compiling, unit testing, integration, packaging and deployment of developed software
- Technologies used: Gradle, AngularJS, Gulp, Java, C++, Bootstrap, OpenTok

Software Developer (Contractor) Feb. 2016 – May 2016 Auxita, Calgary, AB (Remote)

- Addressed customer's information needs by developing technology solutions and supporting information and technology systems on multiple computing platforms
- Worked independently for an Australian based company; implemented a prototype of clinical pathway for hospitals used for customer demos
- Performed software development, support, and debugging in a variety of operating system environments and platforms, including Linux, UNIX, etc.
- Technologies used: Meteor JS, VisJS, JavaScript

Consulting Specialist (Contractor) Oct. 2015 – May 2016 Pureweb (formerly known as Calgary Scientific), Calgary, AB

- Worked on branding of the current application for different customers; responsible for generating several prototypes and implementing final design
- Identified, developed, and used tools to help speed the diagnosis of complex problems involving multiple networked products
- Technologies used: Angular, React, Bootstrap, JavaScript, Git

Developer/Quality Assurance Intern May 2014 – Sep. 2015 Pureweb (formerly known as Calgary Scientific)Calgary, AB

- Liaised with the QA and development teams to understand how testing is currently performed and propose improvements and implement improvements
- Worked with the core team on new features and fixing issues/bugs; assisted in developing test modules, performed data preparation, created test scripts, and produced testing outputs
- Acted as Scrum Master for a period of 2 months in a team of 5 interns, where I was heavily involved in the design stage of the product.
- Technologies used: Java, AJAX, XML, ActionScript, C++, Selenium, Python, Git, Bootstrap