# Kaegan Mandryk

3152 Quadra St., Victoria BC, V8X1G1 | 403-869-3964 | kaeganmandryk@gmail.com

Graduated from the Computer Engineering program at the University of Victoria. Seven years of experience in the software development industry. Excellent interpersonal and communication skills; capable of working independently and in team-oriented environments. Strong planning, design and problem-solving competencies.  Interested in learning and applying modern technologies and methodologies to design and improve software solutions.

**Technical Skills**

**Languages:                 Proficient in Typescript, HTML, CSS, PL/SQL, Java; experienced in C#, PHP, Bash**

**Frameworks:             React.js, Nest.js, Graphql, Blazor/.Net Core, Oracle ADF/JSF, CakePHP, Angular**

**IDEs:       Visual Studio, PL/SQL Developer, JDeveloper, Intellij**

**Platforms / Tools: Openshift, Postman, Github, Artificatory**

**Applications:             Git, SVN, JIRA, Microsoft Teams, Word, and Excel**

**OS Platforms:            Windows Vista, 7, 8, 10, 11; Linux, macOS**

**Experience**

**Full Stack Developer | BC Developer Exchange | June 2022 – Present**

* Contributed in the inception and development of a full stack web application meant to modernize the way hiring managers approach creating new positions
  + Lead the development of the build and deployment pipelines, using GitHub, Artifactory, and OpenShift
  + Helped to design and developed of both the front and backend applications, including API development

**Intermediate Developer | Vital Statistics Agency | September 2021 – Present**

* Lead the research and adoption of a new technology stack, transitioning from Java / Oracle ADF / Unix to C# / Blazor / .Net Core / Windows
  + Acted as lead developer for the new full stack web application using the C# / Blazor / .Net Core / Windows stack
  + Worked with business analysts and stakeholders for project planning and timeline estimation
* Acted as subject matter expert for supporting our various internal systems

**Senior Developer (TA) | Vital Statistics Agency | April 2020 – August 2021**

* Leading the development of a new Oracle JSF web application
* Developed new features and fixed new bugs in all areas of our systems (full stack development)
* Providing tier 3 support for all aspects of our various systems
* Assisting with the planning and organization of future work and projects
* Contributed to technical documentation and project planning/estimation

**Intermediate Developer | Vital Statistics Agency | October 2018 – April 2020**

* Developed front-end and back-end solutions for multiple enterprise Oracle-stack applications
* Designed complex solutions, spanning multiple applications and environments
* Worked with business and user groups using an iterative process to plan and design new features
* Contributed to technical documentation and project planning/estimation

**Programmer Analyst | Vital Statistics Agency | October 2017 – October 2018**

* Provided Tier-2 operational support for all internal and public facing applications
* Improved efficiency of support and operational processes, and automated where possible
* Created and updated packages, procedures, and extract scripts for an Oracle Database
* Provided administrative and developmental support for a B2B XML messaging service
* Developed front-end and back-end solutions for multiple enterprise applications
* Worked with business and user groups using an iterative process to plan and design new features

**Freelance Developer | campreservations.ca | November 2017 – March 2018**

* Fixed existing bugs and developed new features within the CakePHP framework
* Provided operational support for their LAMP stack hosted on GoDaddy.com

**Co-op Software Developer | UVic Bioinformatics Lab | October 2016 – October 2017**

* Lead design and development of a plagiarism-detection tool by re-purposing genome sequence matching software
* Developed for multiple java-based bioinformatics software applications; maintained website and database in a UNIX environment through small Bash scripts

**Co-op Software Developer | Reliable Controls | May 2015 – August 2015**

* Contributed to the alpha development phase for their configuration software RC Toolkit in C++
* Followed Agile, Test-Driven Development, and Continuous Development practices

**Co-op Quality Assurance Analyst | Reliable Controls | September 2014 – December 2014**

* Performed regression tests and worked with developers to ensure high quality releases for various applications
* Created a packet dissector for the MODBUS protocol and pipelined packets to Wireshark for network analysis

**Co-op Software Developer | Seeker Solutions | January 2014 – May 2014**

* Contributed to front and backend development of an Android application, for the Heart & Stroke Foundation using Java and MongoDB
* Followed the Scrum methodology including daily standup, weekly sprints, poker planning, and sprint retrospectives

**Additional Experience**

**Team General Manager | Vancouver Island Ball Hockey League | September 2021 – Present**

* Successfully manage a team of 15+ players, building rosters and coordinating schedules.
* Developed and maintained team budgets, ensuring all expenses were tracked and within limits.
* Organized team-building activities and events to foster a cohesive and motivated team environment.
* Mediated conflicts and facilitated effective communication between players and league officials.

**Certifications**

**Certified Scrum Master | October 2019 | Scrum Master Alliance**

**Education**

**Bachelor of Engineering | September 2012 – April 2017 | University of Victoria**

* Bachelor’s degree with distinction in Computer Engineering, with a specialization in Digital Signal Processing