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| **XINGYUN CHEN**  Software Developer with good self-initiatives, excellent organization skill and great attention to detail. Fast learner. 3+ years of work experience and project experience in web development. Led and completed many projects to completion. Instructor in Pacific Design Academy teaching web design & development. | |
| **WORK EXPERIENCE**  **Intermediate** **Developer** | Insurance Corporation of British Columbia  Victoria, BC | May 14, 2023 – Present   * Designed and developed scalable, high-performance RESTful web applications using Java, Spring Boot, Angular, Oracle and DB2 * Led multiple UI rebranding and application modernization projects to completion, overseeing requirements gathering, planning, implementation, and deployment * Performed production support, managing incidents, problems, and change management processes * Acted as a mentor and trainer for junior developers and co-op students. Applied best practices in code reviews, refactoring, branching/merging, and automated testing to ensure high-quality software development * Implemented DevOps practices, including Gitlab migration, CI/CD automation with GitLab, significantly reducing deployment time * Assisted in investigating and addressing security concerns for team portfolio, ensuring compliance with authentication standards (OAM, OAuth. Active Directory) * Demonstrated leadership skills, engaging in Agile development, facilitating cross-functional collaboration, relationship-building, and conflict resolution, providing impact assessments and estimations for projects * Developed experience in Java Integrated Development Environments (IntelliJ, Eclipse) for enhanced productivity and advanced debugging techniques * Managed multiple concurrent tasks effectively, meeting tight deadlines in an evolving development environment   **Junior Developer** | Insurance Corporation of British Columbia  Victoria, BC | Nov 7, 2022 – May 14, 2023   * Contributed to enterprise architecture discussions, assisting in developing modular and scalable application structures * Developed Angular applications integrating with Spring Boot APIs, enhancing system interoperability and performance. * Created and implemented UI designs for multiple web apps using Material & SCSS, and led UI mockup creation to align with business requirements. * Developed automated unit and integration testing using Jest, Cypress, and Selenium, ensuring robust application quality and reducing regression issues * Led research and implementation of containerized deployments using Docker & Kubernetes on Microsoft Azure, improving system scalability * Gained experience with version control tools (Git, SVN) and issue tracking tools (JIRA) to streamline project workflows * Provided mentorship to co-op students, guiding them through the development lifecycle and ensuring successful work term completions.   **Developer** |Insurance Corporation of British Columbia  Victoria, BC | Jan 4, 2021 – Sep 2, 2022   * Developed a Java-based command-line utility to automate and validate database migration results, ensuring data integrity across systems. * Successfully compared and validated billions of records and millions of datasets, ensuring accurate data migration * Created PowerShell automation scripts for database file transactions, PGP encryption, and FTP transfers, streamlining system operations * Developed and maintained automation testing frameworks using Selenium, Cucumber, and TestNG, implementing 100+ test cases to improve software reliability. | **CONTACT**  [chemxywork@gmail.com](mailto:chemxywork@gmail.com)  +1 250-885-7515  [Personal Website](https://chemxy.github.io/personal-website/)  [LinkedIn](https://www.linkedin.com/in/chemxy/)  [Github](https://github.com/chemxy)  Victoria, BC, Canada |
| **SKILLS**   |  |  | | --- | --- | | **Web Development** | | | * Angular * Material * REACT * Bootstrap * Spring Boot * WAS Liberty * RESTful | * HTML * CSS/SCSS * NodeJS * ExpressJS * SQL * Mongodb * DB2 * OAuth | | **Languages** | | | * Java * JavaScript * TypeScript | * C * Python * C# | | **Tools & DevOps** | | | * Jakarta EE * Jenkins * Maven * NodeJs & NPM * Subversion * Github/GitLab * Postman | * Globalscape * Miro/Mural * JIRA * MS Teams * Microsoft Office Suite * Docker | | **Testing** | | | * Selenium * Cucumber * Cypress * TestNG | * JUnit * Jest * Jasmine |   **EDUCATION**  **Bachelor of**  **Software Engineering**  University of Victoria  2016 – 2022  GPA: 5.64 / 9  Victoria, BC, Canada |
| **Instructor** |Pacific Design Academy  Victoria, BC | Nov 27, 2023 – Present   * Instructor in teaching web development in React and WordPress. * Prepare and design course outlines and course contents.   **PROJECTS**  **Vega**  Course Project | Seng 426 | May 2022 – Aug 2022 | <https://github.com/chemxy/vega>   * Worked on an application built with React, ExpressJS and Spring boot. * Led a small-size team in project planning, development and project reporting. * Added 2+ features and functionalities. * Identified and fixed 5+ bugs and vulnerabilities. * Experience in performance testing and stress testing using JMeter. * Experience in security testing using SonarQube.   **Onboarding-Genie**  Outsourcing Project | Checkfront | May 2021 – Aug 2021 | Private Project owned by Checkfront   * Collaboratively designed and developed a booking system in React and PHP with a cross-functional team of 13 members. * Developed 5+ React pages and a complete backend API as a team. * Built Github Actions to automate the build pipeline. * Led researches in testing with Jest and Cucumber. Created 10+ test cases.   **Personal Website**  Personal Project | 2020 – 2022 | <https://github.com/chemxy/personal-website>   * Refactored to 4+ versions using different technologies, including ExpressJS, REACT, Angular + Bootstrap & Angular + Material. Deployed on Github.   **Address Visualizer**  Outsourcing Project | China Post | 2021 | <https://github.com/chemxy/AddressVisualizer>   * Designed and developed a web application to visualize massive addresses on a map. * Leveraged AMap API to convert addresses from plain text to geographical data. * Deployed and packaged in a bat file to run from Windows OS. |
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| REFERENCE |
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