Software Engineer with strong programming, analytical and mathematical skills. 3+ years’ work experience in C/C++ development of industry level software systems and solutions. Hands on experience with MVC web application development, multithreading, software systems and high performance computing.

Expert level C/C++ programmer. Proficient in Java, JavaScript, HTML & CSS.

Working experience with GNU Toolchain, Linux, Spring Framework, Angular JS, Hibernate, MySQL, Eclipse, Android Studio, Git, SourceTree

* Develop an MVC based payment flow controller app on Verifone OS application frameworks.
* Implement various commerce platform apps tunneled with Verifone Cloud using HTTP Proxy components.
* Cooperate with Verifone OS and framework teams to deliver benchmarking tools for next generation Verifone products.
* Project owner of multiple Verifone OS framework applications including core communication and power management.
* Participate in CI automation framework development for monitoring Jenkins RSS feed on new releases, managing artifacts, user stories and report notifications.
* Maintain and improve touch sensing and advanced gesture recognition software for Neonode multi-touch technologies including first generation zForce Core and next generation zForce Air.
* Participate in development of a software suite combining auto-configuration, source code generation, multi-technology support and integration workbench.
* Conduct research for sensing device communication with Raspberry Pi emulated host devices.

**PROJECTS**

**Photo Sharing Web App**

Design and implement a photo sharing web application. Users can register and login to upload and share photos.

* Front end using Angular 2 to build navigation bar, side panel, photo list and other view components.
* Use Spring Boot to implement backend RESTful APIs to access photo, comment and user resources.
* Implement services and DAO to MySQL database powered by Spring Data.
* Handle user authentication with JSON Web Token (JWT) and Spring Security.

**Online Bookstore**

Design and develop an online bookstore application which allow administrator to manage books and users to view and purchase books.

* Build admin portal and bookstore front using Angular CLI tool and Angular Material components.
* Use Spring Security and JWT to authenticate user registration and login, with automatic email confirmation.
* Backend RESTful services powered by Spring Boot, Hibernate and MySQL database.