

Junlong Chen

Email: chenjl0311@gmail.com

Mobile: 236-989-6021

Portfolio: junlongchencoding.com

PROFESSIONAL EXPERIENCE

TMG Industrial

Product Technical Support, 2023 - Present

- Coordinated customer support team and oversea factories and provided troubleshooting to end users.
- Reviewed and approved manuals for new products.

Mubea Automotive Components (Taicang) Co., Ltd.

Test Supervisor, 2017 - 2021

- Supervised test team, reviewed test plans with project managers and coordinated test resource accordingly. Standardized working procedure of test lab, passed ISO 17025 certification.
- Developed the UI, layout, and front-end programming for a web application using HTML, CSS3.
- Designed and normalized Entity-relational model for a MySQL database and wrote SQL queries.
- Assisted in developing a RESTful Web-Services using Spring-ORM and Hibernate.

BOSCH Automotive Diesel Systems Co., Ltd.

Testing Engineer, 2014 - 2017

- Conducted functional test, failure analysis using sensors and strain gauges, acquired test data using LabView and processed data using FAMOS to filter the noise.

SKILLS

Languages	Java, C#, JavaScript, HTML
Technologies	RESTful, JPA, JWT
Frameworks	ASP.NET MVC, Spring Boot, Angular, React
Databases	MySQL, Redis
Version Control Tools	Git, GitHub
Development Environment	Eclipse, IntelliJ
Operating Systems	Windows, Linux/Ubuntu

PROJECTS

Real-time Blog API (Spring Boot, JWT, Java)

Fairleigh Dickinson University, Vancouver

- Built a CRUD REST API for one-to-many relationship.
- Implemented JWT with login API and secure the REST APIs using JWT.
- Documented REST APIs with Swagger UI.
- Deployed the App on AWS cloud with RDS MySQL and Elastic Beanstalk.

Parent-Child Activity Android Application (Android Studio, Java)

Fairleigh Dickinson University, Vancouver

- Built a 3-tier client server architecture android application using Android Studio.
- Used HTTP methods to send request to and get request from the server.
- Deployed the application server on AWS EC2 and the MySQL database on AWS RDS.

Work Schedule Web Application (ASP.NET, C#, JavaScript, HTML)

Fairleigh Dickinson University, Vancouver

- Divided the project into Web app (UI, Business logic and service interface as front end) and Web api (Server, EntityFramework, Database as back end).
- Conducted automated test using xUnit.NET framework.
- Containerized web app and web api using Docker

EDUCATION

MASTER OF SCIENCE IN APPLIED COMPUTER SCIENCE, ADVANCED PROGRAMMING

Dec 2022

Fairleigh Dickinson University, Vancouver, British Columbia; GPA 3.94/4.00

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

DEC 2013

The Hong Kong Polytechnic University, Hong Kong