

# Yibo Guo

## Software Engineer

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[LinkedIn Profile](#)

[Github](#)

[Portfolio](#)

## SKILLS

JavaScript, Java, Maven, Gradle, Perl, Linux, Oracle, MySQL, MongoDB, JUnit, Jenkins, Hibernate, Spring Boot, Python, Shell, HTML, CSS3, React.js, Redux.js, Express.js, Sequelize.js, Node.js, Flask, SQLAlchemy, PostgreSQL, MySQL, MongoDB, Docker, Kubernetes, Git, AWS S3, OOP, Design Patterns, Agile methodologies.

## PROJECTS

### My Pantry Fridge Dec 2022

[Live Site](#) | [Github Repo](#)

Capstone project, the styling of which is mainly inspired by [UberEats](#), it is basically an Inventory management system, allowing users to manage their items to prevent them from expiring. The tech stack includes React, Redux and Node JS as front-end, Python flask, SQLAlchemy as backend, SQLite3(development) and PostgreSQL(production) as Database. The features include

- CRUD on Category
- CRUD on Item Type
- CRUD on Inventory Item
- CRUD on Favorite Dish
- Search/Filter on Inventory items by name, category, expiration days, and purchase date.
- Image uploading with AWS S3.

### Discord clone Oct 2022

[Live Site](#) | [Github Repo](#)

A web application inspired by [Discord](#), built with JavaScript, Python, React, Redux, Flask, SQLAlchemy and PostgreSQL, deployed on heroku with Docker.

- User sign-up, authentication
- Servers and Channels CRUD.
- Implemented Chat feature in channels and among users with Web Socket.

## EXPERIENCE

### Software Engineer

**Ericsson** Nov 2011 - Apr 2014

- Implemented new features on CDMA Network Management System to support new types of Network Element with Java and Shell. Responsible for middle layer and NE mapping.
- Designed and implemented Continuous Integration environment using Jenkins and JSystem for test case execution and internal release.
- Worked on Upgrade feature with global teams in Canada, South Korea and India, responsible for solution discussion, implementation, test case review and integration test.

### Software Engineer

**CleNet Technologies** Jan 2010 - Oct 2011

- Worked on TD-LTE Trial, implemented Configuration Management Service with Java, Oracle, Shell.
- Also responsible for data modeling on all the Network Elements

### Software Engineer

**Huawei Technologies** Dec 2007 - Oct 2009

- Developed new Network Management System V3R1 from scratch, responsible for middle layer desktop service development with Java and SQL
- Worked on performance optimization of Network Management System V3R1 which improved key performance by 60%(Application starting time, topological view showing time, alarm synchronizing time, memory usage .etc)
- Developed automated test cases based on new feature for GUI with IBM RFT which improved productivity by 50%
- Maintained Network Management System V2R7/V2R8, to fix critical issues reported by customers.

## EDUCATION

**App Academy** - Immersive full stack web development bootcamp (completed Dec 2022)

**Jilin University** - Bachelor's degree, Computer Science