Wei Cui

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Portfolio website: https://portfolio-weicui.herokuapp.com/

EDUCATION:

The Stevens Institute of Technology, M.S. Computer Science, GPA:3.5/4.0   *01/2021 – Present*

SKILLS：

Languages: Java, JavaScript, , SQL, HTML/CSS, JSON, AJAX
Frameworks and tools: React.js, Spring Boot, Spring, Git, Linux, Mongoose, MySql, Hibernate, AWS

Working EXPERIENCES:

Software Engineer at Meituan China, Beijing   *03/2020 – 08/2020*

Responsible for developing the back-end functionality Spring-based Java framework. Implemented third-party payment service by intensive collaborations with front-end engineers. Redesigned database schema in MySQL and utilized B+ tree indexes to reduce the disk reads and query time by 25%. During the internship, participated in modifying several bugs of the website, optimizing the website interface, and launching new functions

PROJECT EXPERIENCES:

JavaScript full-stack web application for Beaches   *01/2021 – 03/2021*

Yelp Beaches is a Node.js web application that providing beach information, using MongoDB database, Express back-end framework, and RESTful routing project.
Back End:
- Designed and implemented a back-end system. Used Node.js, Express, and other tools to handle different templates and HTTP requests and responses. Integrated the Google Maps APIs and some other APIs.
- Built and connected to the NoSQL MongoDB by using Mongoose and executed the related CRUD operation
- Used Model-View-Controller and RESTful API to handle user, beach, comment templates
Front End:
- Utilized web developing technology to implement a dynamic web page (HTML, CSS, Bootstrap and JavaScript)

React.js Pro portfolio website   *09/2021 – 11/2021*

Build A Real World Responsive Portfolio Website With Email Functionality using React js, Bootstrap, Rxjs and NodeJS.
- Built up the architecture of the website by React, designed and implemented UI layouts by CSS3
- Realize the function of sending email messages through Node.js
- deploy the Website on Heroku server
- Improved User Interface of the web continually via updating front-end code.

Java full-stack web application for Shopping Store   *06/2021 – 08/2021*

The web application was developed a complete shopping website and allowing customers to browse products and place orders, code the Admin application for managing users, products, orders, sales report, and shopping cart features. Deploy the application on Heroku cloud platform with file upload on Amazon S3.
- Used Java, Spring Boot, Thymeleaf, Bootstrap, jQuery and MySQL database develop a complete shopping site
- Used Spring Security for authentication and role-based authorization
- Used MVC and RESTful API strategy, created a database by Hibernate, and executed CRUD operations
- Integrated Spring OAuth for social login with Facebook and Google. PayPal Checkout API for capturing payment from customer and Amazon S3 APIs, and Deployment on Heroku (AWS)
- Utilized web developing technology to implement a dynamic webpage (HTML/CSS, Bootstrap and JavaScript)