Natalie Tang

Dallas, TX ✉ natalietang77@gmail.com in natalientang ⚙ natalientang ↖ Portfolio

SKILLS

Languages (JavaScript/ES6+, Python 3, Java, HTML5, CSS)

System Design (Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing, CI/CD, Object Oriented Programming, MVC Architecture)

Front-End (React, React Hooks, Redux Toolkit, Bootstrap, Tailwind, WebSockets, DOM Manipulation, Thymeleaf)

Back-End (Django 4, MySQL, SQLite3, PostgreSQL, MongoDB, FastAPI, RESTful API, RabbitMQ, Spring Boot)

Tools (Amazon Web Services, Docker, Figma, Git, Canva)

EDUCATION

Wiley Edge   May 2023 – Jul 2023
Aspire, Women in Technology Program

Codecademy   Apr 2023 – Apr 2023
Learn Java Course

Hack Reactor   Sep 2022 – Feb 2023
Advanced Software Engineering Immersive Program Certificate

University of North Texas   Aug 2019 – May 2022
Bachelor of Arts, Biology
Minors: Chemistry, Business Foundations

PROJECTS

Adopt-A-Petopia 🔗   Jul 2023 – Jul 2023
Tech Stack: Java, Spring MVC, Spring Boot, JDBC API/Template, Thymeleaf, JUnit 5, RESTful, MySQL
- Developed a web-based application to facilitate the management of pet information, adopter details, and adoption records
- Implemented Spring JDBC and MySQL to store pet details, species, and shelter association for adoption
- Employed RESTful endpoints and Thymeleaf for a user-friendly frontend GUI interface

Love Within 🔗   Apr 2023 – present
Tech Stack: React, JavaScript, AWS , CSS, Bootstrap
- Developing a React web application using AWS services, leveraging self-learning, to incorporate features such as daily journaling and the ability to save daily affirmations using an API
- Leveraging AWS Amplify to handle storage, functions, and authorization
- Implementing data storage using AWS DynamoDB, ensuring efficient and secure data management within the application

Hack for Good Hackathon - JP Morgan and Chase   Mar 2023
Tech Stack: Java, JavaScript, React
- Participated in a fast-paced 12-hour event focused on addressing and promoting an end to poverty
- Collaborated with a team of 6 to design and develop an application aimed at connecting individuals in need with nearby shelters and food resources
- Implemented advocate and user roles, integrated data from various sources using Java for the back-end, and created an intuitive user interface with React

PlateMate 🔗   Dec 2022 – Jan 2023
Tech Stack: React, Redux, JavaScript, PostgreSQL, FastAPI, CSS, Tailwind
- Built a Yelp-like application with React/Redux, incorporating a user questionnaire feature with the use of YelpAPI for filtering
- Implemented authorization and authentication using PostgreSQL and FastAPI for efficient data retrieval
- Designed the user interface using Tailwind and CSS to optimize the user experience

PROFESSIONAL EXPERIENCE

Wiley Edge   May 2023 – present
Junior Java Developer Trainee
- Participated in the 'Aspire' program, a 12-week online course designed to encourage and support women in starting careers in technology, fostering diversity in the tech industry
- Received comprehensive Java software development training, including fundamentals, object-oriented programming, code organization, Agile development, and ongoing support through webinars, group work, and coding assignments

Infinity Dental   Dec 2020 – Jan 2022
Front Office Receptionist, Registered Dental Assistant
- Handled a wide range of office activities via multi-tasking front management with procedural assistance
- Ensured smooth operation of back-office systems by proactively addressing any development or issues to prevent errors

Kirin Court Restaurant   Jul 2018 – Jan 2021
Sales Associate, Hostess
- Interacted with customers by proactively recommending products to their tastes and interests to achieve more than a 98% customer satisfaction rate
- Organized 100+ seating through table arrangement to accommodate and serve customer needs