

Xinyue Chen

[Portfolio Website](#) • xinyuec57@gmail.com • [GitHub](#) • [LinkedIn](#)

TECHNICAL SKILLS

Programming Skills: Html/CSS, JavaScript/TypeScript, Java, Python, PHP, SQL

Frameworks: ReactJS, Angular, Express, Node.js, Next.js, Nest.js, Spring Boot, Bootstrap

Other: Git, GraphQL, Prisma, MySQL, MongoDB, Firebase, Docker, Material UI, WordPress, Google Cloud Platform

EXPERIENCE

Boston University Software & Application Innovation Lab – Boston, MA

Feb 2023 – Now

Full-Stack Software Engineer Intern | React, NestJS, GraphQL, Prisma, TypeScript, Docker

[GitHub](#)

- Designed and developed internal web app to streamline the process of monitoring employee working hours, facilitating accurate financial reporting, and simplifying the creation of detailed invoices.
- Collaborated with cross-functional teams, including finance and development, made UI and design docs, and iterated on my designs from the user feedback.
- Implemented GitHub Action Workflow into our CI/CD pipeline.
- Integrated authentication microservice, Slack, and Click Up third-party APIs to enhance communication and invoice management within the organization.

PROJECTS

Class Guardian | React, Nest.js, Prisma

Sep 2023 – Now

[GitHub](#)

- Led a team of 6: organized meetings. delegated tasks. helped teammates debug. etc.
- Developed an attendance app for 30 students, streamlining the tracking process for both students and professors.
- Engineered a secure login system with role-based access control using JWT Token.

Algo-Shadow | React, JavaScript, D3.js

Sep 2023 – Now

[GitHub](#)

- Created an app to visualize five algorithms step by step: Heap, Dijkstra, Hash, Binary Search Tree, and Bellman.
- Enhanced user understanding through dynamic visualization using D3.js.

Book REST API (Back-End) | Java, Spring Boot, FlywayDB

April 2023 – May 2023

[GitHub](#)

- Built a **REST API** which stores books with their authors and description and tested **CRUD** API endpoints with Postman.
- Used the repository & dependency injection **design patterns** to encapsulate data access.

Online E-Commerce Store (Full-Stack) | React, Express, Node.js, MongoDB, Mongoose

June 2022 – July 2022

[Website](#) - [GitHub](#)

- Created a **MERN** full-stack web application that allows **CRUD** operations on the shopping cart and to buy favorite stationary products.
- Implemented user authentication and authorization using **Google OAuth** and **passport.js** & deployed on **Hosting Service**.

EDUCATION

Boston University

Expected Graduation: Jan 2024

M.S. Computer Science

GPA: 3.9/4.00

Liberty University

May 2021

B.S. Information Technology

GPA:3.54/4.00