

# Thien Le

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## EDUCATION

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### University of Houston

Houston, TX

*Bachelor of Science in Computer Science, Minor in Mathematics*

*Aug. 2022 – Present*

- Completed Courses: Computer Science and Programming, Introduction to Programming, Calculus I, Calculus II, Linear Algebra, Computer Organization and Architecture, Programming and Data Structure, Discrete Mathematics, Programming and Data Structure, Introduction to Automata and Computability, Statistic for Science, Introduction to Operating System
- Current GPA: 3.920

## EXPERIENCE

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### Information Technology Support Specialist

Jun. 2022 – Sept. 2022

*Nationwide Nail Supply*

*Houston, TX*

- Assisted in operating and maintaining the online store, ensuring a seamless user experience for customers.
- Participated in the development and launch of the e-commerce website for the store, processing over 100 orders per week.

## PROJECTS

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### OurBlogs | *Express, Ejs, MaterialUI, Bootstrap MongoDB, PassportJS*

Jun 2023

- Developed a full-stack web application using EJS for front-end and ExpressJS for back-end.
- Designed and integrated sign-in, sign-up, and session management features to ensure a secure and user-friendly application using Passport.js.
- Utilized Mongoose to store and manage data in MongoDB Atlas database, ensuring data consistency, security, and scalability.

### Hitek | *Express, ReactJS, Redux, Axios, TailwindCSS, MongoDB*

Jan 2024

- Built a secure, scalable, and maintainable full-stack technology e-commerce web application from scratch.
- Developed a server using Express.js and implemented a comprehensive REST API to facilitate effective communication between client and server.
- Ensured safe access to protected routes and resources by integrating JWT for secure customer authentication and authorization.
- Designed and implemented multiple Mongoose models to efficiently manage customers, items, categories, and orders.
- Created a dynamic and responsive front-end using tailwindCSS and React, incorporating a custom Axios instance for efficient API calls and Redux for state management.
- Utilized AWS S3 for scalable storage and efficient retrieval of product images, enhancing performance and reliability for media management.

### TALKConnect | *Django, ReactJS, MaterialUI, TailwindCSS, PostgreSQL*

August 2024

- Developed a software application that efficiently allocated more than 200 volunteers to volunteer activities based on their preferences, skills, and availability.
- Developed a scalable backend using Django and leveraged its powerful REST framework to build and test comprehensive API that ensures smooth client-server communication.
- Designed and implemented multiple Django ORMs to efficiently manage volunteers' profiles, events, fields, and skills, connected to a PostgreSQL database hosted on Tembo.io for flexible and reliable data storage.
- Implemented reset password mechanism by sending password reset token and account verification link to user's email, enhancing user account security and user experience.
- Created unit tests that achieved 95% coverage of all functionality, ensuring reliability and robustness in the application.

## TECHNICAL SKILLS

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**Languages:** C++, Python, HTML, CSS, JavaScript, TypeScript, SQL, NoSQL

**Databases:** MongoDB, MySQL, PostgreSQL

**Frameworks and Libraries:** Express, Django, ReactJS, TailwindCSS, Bootstrap, Material-UI, Node.js, JQuery

**Developer Tools:** Github, VS Code, Visual Studio, PyCharm, IntelliJ