

JACK HACHICHO

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EDUCATION

CUNY New York City College of Technology (City Tech) | New York, NY Expected May 2025

Bachelor of Technology - Computer Systems Technology | GPA: 3.86

Courses: Data Structures | Discrete Structures & Algorithms (I & II) | Object-Oriented Systems Design | Web Programming (I & II) | Operating Systems | Application Development with Databases

EXPERIENCE

FULLSTACK SOFTWARE ENGINEER INTERN

June 2024 – August 2024

Govify

- Transitioned a hiring platform designed to improve the recruitment process for government roles from a no-code to a pro-code solution, in a team of 2, utilizing React.js, ChakraUI, PostgreSQL, and Express.js, enhancing scalability and performance.
- Architected and implemented 30+ web pages, including a responsive, mobile-friendly landing page, a job search page with dynamic job board and filtering functionality, a role-based user registration system, a messaging system, a five-page job creation pipeline, customizable role-based profile pages, and static CTA pages.
- Created detailed wireframes using Figma and ERD diagrams, and actively participated in daily stand-ups to collaborate with a fellow engineering intern and supervisor, fostering a feedback-driven development process.
- Developed backend solutions featuring email verification, form autofill capabilities, interchangeable role-based navigation, and OpenAI API integrations using Insomnia for efficient API testing and data display.
- Implemented randomly generated sample data to populate fields for quality testing, ensuring robust validation. Created comprehensive documentation, conducted regular code reviews, and utilized effective version control practices with GitHub to maintain high-quality, maintainable code.

APPLICATION DEVELOPER

September 2023 – Present

CUNY Honors Scholars Program

New York, NY

- Developing a full-stack web application aimed at streamlining rent payment processes for landlords and tenants across New York City, implementing using JavaScript libraries React.js for the frontend, Node.js for the backend, MongoDB for database management, and Stripe APIs for seamless remote payment processing.
- Presented findings at a panel presentation, communicating insights derived from the analysis.

ACADEMIC INTERN

July 2018 – August 2018

Columbia University

New York, NY

- Selected as 1 of 30 students from a competitive pool of applicants for an 8-week program focused on computer science and engineering.

SKILLS

Programming Languages: HTML/CSS/JS | React.js | Express.js | SQL | PostgreSQL | Java

Technologies: Visual Studio Code | GitHub | Git | Insomnia

EXTRACURRICULARS

SOFTWARE DEVELOPMENT FELLOW

July 2024 – Present

CUNY Tech Prep

New York, NY

- Learning in-demand technologies like React.js, Node.js + Express.js, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, Git/GitHub, Agile/Scrum with Trello and Slack, TDD, CI/CD, version control with Git/GitHub.
- Collaborated in team-based projects to design, develop, and deploy web applications under the mentorship of a PhD full-stack professor, and other industry experts, through regular feedback-driven sessions.