

# Jonathan Chan

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## Skills

**Frontend:** NextJS, Typescript, Blazor, Razor, React, Redux, Bootstrap, Chakra UI, Pug + Jinja Templates, HTML, CSS, JavaScript, Ruby

**Backend:** C#, .Net, Entity Framework, LINQ, MongoDB, DynamoDB, NestJS Express, NodeJS, Python, Flask, Flask-SqlAlchemy, PostgreSQL, SQL, MySQL, AWS, REST

**Other:** Algolia, Elasticsearch, Jira, Figma, Google Analytics, Google Tag Manager, Directus CMS, Docker, Cloudinary, Git, Github, Heroku, GoogleMaps API, InStyle ERP system

## Experience

### Software Engineer - JobTarget

March 2022 - October 2023

#### Compliance Team

- Collaborated with DevOps to add a UAT stage to the CI/CD release pipeline, resulting in a 10% reduction of system bugs
- Developed and customized a file uploader by adapting a third party library component that extracted, formatted and allowed users to manipulate their data from diverse text-based file types (.txt, .docx/.doc)
- Enhanced and customized internal Bootstrap 4 UI library to meet app-specific business requirements. For example, implemented a copy-and-paste feature, which allowed users to copy text from external sources

#### Sourcing Team

- Mentored two new team members on frontend components, best practices for the team and code standards
- Integrated custom events and tags with Google Analytics 4 and Google Tag Manager, which boosted user interaction metrics by 50% and reduced the time to fix bugs by 25%
- Updated SendGrid email templates and tested for cross-platform compatibility (e.g. Microsoft Outlook, Gmail, Yahoo), which are used by over 1000 job recruiters
- Implemented unit tests using Jest to increase the reliability of bi-weekly deployments and maintain 80% code coverage requirements

#### Platform Team

- Integrated features for Platform team using frontend technologies (e.g. Blazor, Javascript, HTML, CSS), which enhanced user interaction and boosted conversions by 10%
- Provided support and fixed bugs, which reduced service outages by 15%
- Designed and built out RESTful APIs using ASP.NET MVC to access data from SQL Server
- Optimized poorly-performing queries to enhance the application's responsiveness for end users

#### Marketplace (e-commerce) Team

- Modernized a legacy .NET Framework application into a NextJs application with unit tests, CI/CD pipelines, and improved ETL processes, which improved the e-commerce app response time by at least 25%
- Led the frontend development effort by creating new UI components, contributing to UI/UX design meetings, and starting new initiatives to improve team dynamics
- Code reviewed over 50 PRs the past year, leaving an average of 2 constructive comments per review to improve code quality

### Software Engineer Intern - JobTarget

December 2021 - March 2022

- Shadowed senior engineers during design and implementation on complicated projects, and sat in on meetings to learn business needs for the project
- Collaborated and participated with team members to develop better design and architectural elements for current and future projects
- Engaged in cross team developmental tasks / projects

## Education

[AppAcademy](#) - 1000-hour immersive full-stack software engineering intensive program with <3% acceptance rate, 2021

[Long Island University - CW Post](#) - (BBA) Business Administration, 2010