Jonathan Chan

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Skills

Frontend: JavaScript, HTML, CSS, React, Next.js, TypeScript, Bootstrap, Chakra UI, Pug + Jinja Template, Redux, Blazor, Razor, Ruby

Backend: C#, .NET, Python, SQL, PostgreSQL, MySQL, MongoDb, DynamoDb, Flask, Flask-SqlAlchemy, Express, NodeJS, Redis, AWS, Rest API

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

Experience

Software Engineer - JobTarget   March 2022 - October 2023

Compliance Team

- Developed and customized a file uploader by adapting a third party frontend 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
- Collaborated with DevOps to add a UAT stage to the CI/CD release pipeline, resulting in a 10% reduction of system bugs

Sourcing Team

- Updated SendGrid email templates and tested for cross-platform compatibility (e.g. Microsoft Outlook, Gmail, Yahoo), which are used by over 1000 job recruiters
- 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%
- Orchestrated the execution of key frontend features serving as the primary contributor to development, which included unit tests using Jest to bolster reliability for bi-weekly deployments, ensuring adherence to an 80% code coverage standard
- Mentored two new team members on frontend components, best practices for the team and code standards

Platform Team

- Integrated features for Platform team using frontend technologies (e.g. Blazor, Javascript, HTML, CSS), which enhanced user interaction and boosted sale conversions by 10%
- Designed and built out RESTful APIs using ASP.NET MVC to access data from SQL Server
- Provided support and fixed bugs, which reduced service outages by 15%
- 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 implementation of crucial frontend features by developing 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

- Contributed to the enhancement of design and architectural elements in project meetings for current and future projects through collaboration with team members
- Engaged in cross team developmental tasks and projects
- Shadowed senior engineers to gain insights into complex problem-solving during design and implementation, enhancing my understanding of project-related business needs

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*