

TYNA WILLIAM

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, TypeScript, React, NextJS, NodeJS, Python, Flask, Express, NestJS, Tailwind CSS, Prisma, HTML5, CSS3, SQL, Sequelize, SQLAlchemy, PostgreSQL, Docker, AWS, REST APIs, GIT, Object Oriented Programming

EXPERIENCE

Software Engineer

Proxxi Technology

- Optimized SQL queries, resulting in an average of 50% reduction in query execution time and significant increase in system performance.
- Successfully refactored complex API, resulting in approximately 25% increase in performance and a 30% reduction in code complexity, as measured by code review and user feedback.
- Designed and implemented robust data models and highly scalable PostgreSQL database that serves over 200 North American and European customers.
- Collaborated with product managers to define and prioritize project goals, resulting in the successful development and launch of two new internal products and a 20% increase in speed of customer report generation.
- Developed and implemented Python scripts for processing bulk data, resulting in a sizable increase in data processing speed and a 90% reduction in manual data entry errors.

Software Engineer & Technical Coach

App Academy

Feb 2021 - Jan 2022

- Developed and maintained multiple React-based applications, utilizing modern technologies such as Redux and Hooks, ensuring smooth and efficient user experience.
- Designed an internal student progress tracking tool using React on the frontend and Python Flask on the backend, improving both the efficiency of the placements department and student engagement.
- Implemented comprehensive unit tests, resulting in a 40% reduction in software bugs and an increase in code coverage.
- Conducted code reviews for engineering team, resulting in improved code quality and a reduction in technical debt.

PROJECTS

nVision (ReactJS, Python, Flask, SQL)

[github](#)

Digital vision boarding application

- Utilized the React DnD library to implement drag-and-drop functionality within a React-based web application, allowing users to seamlessly reorganize and manipulate data within the UI.
- Implemented user authentication and authorization using Python's werkzeug security, ensuring secure password storage and session management for a React app.
- Integrated AWS S3 bucket service to store and retrieve user-uploaded images, improving the performance and scalability of the application while reducing load on servers.

Petstagram (Instagram Clone) (ReactJS, Python, Flask, SQL)

[github](#)

Petstagram is an Instagram clone for pets

- Developed an Instagram clone using React, allowing users to upload and share photos, videos, and captions with their friends and followers.
- Utilized Git for version control, allowing for easy collaboration with other developers and seamless deployment to production.

Boba With Buddies (Express, JavaScript, PostgreSQL)

[github](#)

Boba With buddies is an app to connect strangers in various cities using an Express backend, VanillaJS frontend, and Google Maps API

- Implemented JSON Web Tokens (JWT) for user authentication, ensuring secure and efficient handling of user sessions and protecting sensitive information.
- Integrated Google maps API into app's search functionality to dynamically render available event options based on user location preferences.

EDUCATION

Software Engineering - App Academy

Winter 2020

BSc Computer Science - University of Providence

Fall 2019