

Gwynn Oak, MD (269) 362-5661

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<u>Portfolio</u>

<u>Github</u> <u>LinkedIn</u>

Nov 2019 - Aug 2022

OVERVIEW

Full Stack Software Engineer with a proven track record of delivering high-quality software solutions. Proficient in a wide range of programming languages, frameworks, and tools, with a strong foundation in test-driven development (TDD), object-oriented programming (OOP), and agile methodologies. Skilled in collaborating with cross-functional teams to design, develop, and deploy scalable and robust applications. Committed to staying updated with the latest technologies and best practices in software engineering.

SKILLS

Languages: Javascript, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, SQLite, PostgresQL, AWS, Docker, GitHub, Postman **Key Skills:** Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Scrum Methodologies

PROJECTS

 Museum Central (ReactJS, Redux, Flask, AWS, SQLAlchemy, PostgresQL, Docker, Javascript, Python, HTML, CSS)
 live | github

 Museum Central, a Boutiques de Musées clone, lets users explore museums and discover curated products.
 live | github

- Engineered over 20 responsive user interfaces with React, enhancing the user experience and ensuring optimal performance across various devices.
- Utilized Redux for state management, effectively organizing and managing the application's global state to maintain a consistent and efficient data flow.
- Incorporated SQLite3 and PostgreSQL to optimize data storage and retrieval, enhancing overall application performance.
- Constructed RESTful APIs using Flask blueprints and decorators for enhanced scalability and developer-friendly use.

PixelChat (ReactJS, Redux, Flask, AWS, Websockets, SQLAlchemy, PostgresQL, Docker, Javascript, Python, HTML, CSS) live | github PixelChat, a website clone of Slack, allows users to create and join servers and channels that host fun conversations.

- Collaborated with 3 software engineers via efficient git and pull request workflow to mitigate potential merge conflicts.
- Introduced websockets with SocketIO to provide users with real-time CRUD updates, enhancing interactivity and user engagement.
- Integrated AWS S3 image upload and image deletion into Flask backend routes and React frontend routes to increase scalability, data integrity, and availability.
- Designed relational database tables using SQLAlchemy models to ensure simplified data retrieval and maintain data integrity for end users.

RELEVANT EXPERIENCE

Named Account Executive

Konica Minolta Business Solutions U.S.A., Inc.

- Achieved recognition as a Top 15% Named Account Executive in East Region for FY 2021-2022, earning membership in the President's Club/Blue Diamond
- Collaborated with software engineering teams to align technology solutions with client requirements and project objectives.
- Provided supplemental IT consulting and support on key technology projects, enabling clients to allocate resources effectively.

EDUCATION

Web Development - App Academy| Aug 2023 - Jan 2024Bachelor of Science in Psychology - Andrews University| Aug 2012 - May 2016