

REGINALD DESROSIERS

FULL STACK SOFTWARE ENGINEER

Gwynn Oak, MD (269) 362-5661 reginald.j.desrosiers@gmail.com [Portfolio](#) [Github](#) [LinkedIn](#)

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.

- 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.

Nov 2019 - Aug 2022

- Spearheaded the generation of at least \$300,000 in revenue for Konica Minolta via a single technology-related sale spanning multiple branches nationwide, fostering improved business results and quality of life for the customer.
- Mediated relationships between Konica Minolta and up to 50 current customers which stabilized customer satisfaction and elevated sales.
- Achieved Konica Minolta's President's Club award, which drove profits for the company.

EDUCATION

Web Development - App Academy | Aug 2023 - Jan 2024

Bachelor of Science in Psychology - Andrews University | Aug 2012 - May 2016