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
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

Technical Writer

codeBlue   Nov 2022 - Jan 2023
- Created tutorials in VS Code, Markdown, & HTML which led to increased product use by end users.
- Executed pull requests via GitHub, optimizing organization and communication with my supervisor.
- Applied supervisor feedback, refining accuracy and clarity in technical content.

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*