REGINALD DESROSIERS
FULL STACK SOFTWARE ENGINEER

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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.
- 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
- 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 2024*
Bachelor of Science in Psychology - *Andrews University | Aug 2012 - May 2016*