

Johnny R. Paredez III

SOFTWARE DEVELOPER

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Languages/Frameworks: JavaScript, **TypeScript**, Python, **SQL**, React, **React Native**, Node.js, **Flask**, FastAPI

Tools/Technology: Redux, **PostgreSQL**, SQLAlchemy, **Alembic**, JWT, **Flask-Login**, CSRF, **Docker**, Git, **GitHub**, AsyncStorage

Testing/Environments: Pytest, **Mocha**, VS Code, **Xcode**

PROJECT EXPERIENCE

The Krusty Krab B.O.S.S. (Capstone) | Python | Flask | Alembic | React | Redux | PostgreSQL [GitHub](#)

- Implemented secure user authentication and authorization using JWT tokens and CSRF protection in Flask to restrict admin-only actions and protect user sessions.
- Created dynamic supply reordering logic using Python backend calculations, allowing the app to automatically flag low inventory and notify admins for replenishment.
- Integrated Redux global state to sync order and inventory updates in real-time across components, improving data consistency and reducing API calls.

Cash with Friends (Splitwise Clone) | Python | Flask | Alembic | React | Redux | PostgreSQL [GitHub](#)

- Collaborated on a full-stack bill-splitting platform with real-time expense editing using Flask REST APIs and React, providing users instant feedback and smooth group management.
- Engineered backend routes and PostgreSQL models to manage expense comments and user interactions, ensuring relational data integrity and efficient queries.
- Leveraged Figma wireframes to design a mobile-responsive React UI, improving usability and making the app accessible on all device sizes.

WORK EXPERIENCE

Freelance | *Software Developer* | Remote

April 2023 - Current

Patriotic Keys (Current Locksmith Project) | Python | FastAPI | Docker | React-Native | Expo | PostgreSQL [GitHub](#)

- Built a cross-platform mobile and web app using FastAPI, React Native, and Expo to manage locksmith inventory, invoices, and vehicle key tracking, improving operational efficiency.
- Integrated PDF parsing and ML-based OCR (optical character recognition) to extract VINs from scanned invoices, automating invoice creation and reducing manual entry errors.
- Developed a secure, containerized backend using FastAPI, Docker, and async PostgreSQL operations, improving scalability, deployment consistency, and system resilience.

Arsenal Corps Fitness | *Founder & Trainer* | Chandler, AZ

June 2021 – April 2023

DoorDash | *Driver* | Chandler, AZ

November 2019 – November 2021

United States Marine Corps | *Sergeant* | Various, Global

June 2004 – June 2012

- Led and collaborated in high-stakes, cross-functional teams across multiple deployments, mastering structured communication, adaptability, and a results-driven mindset — directly transferable to Agile software development and distributed engineering teams.
- Mentored and trained over 5,200 Marines in technical systems (secure radio communications) and tactical operations, while troubleshooting and maintaining critical infrastructure under pressure — honing a systems-thinking, detail-oriented approach essential for debugging, DevOps, and peer development.

EDUCATION

App Academy \ Full Stack Web Development | Remote

2025

Mesa Community College \ *Associate's in Business Management and Entrepreneurship* | Mesa, AZ

2019