Johnny R. Paredez III
SOFTWARE DEVELOPER

jjparedez3@gmail.com \\ (480) 309-8778 \\ [LinkedIn](#) \\ [Github](#) \\ [Portfolio](#)

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

Surface Clean (Client Work) | Python | FastAPI | Alembic | React | Redux | PostgreSQL   [GitHub](#) / [Live](#)

- Designed and developed a full-stack B2B web platform for Surface Clean, enabling internal users to perform complete CRUD operations on industrial cleaning machine listings.
- Engineered a secure, modular admin system with robust backend architecture using FastAPI and PostgreSQL, supporting streamlined inventory management and image uploads.
- Built a customer-facing site to showcase refurbished machines with responsive design, intuitive UI, and clear machine categorization for easy navigation.
- Implemented best practices in auth, environment configuration, and separation of concerns to ensure scalability, maintainability, and deployment flexibility.

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.

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.
- Mentored and trained over 5,200 Marines in technical systems (secure radio communications) and tactical operations, while troubleshooting and maintaining critical infrastructure under pressure.

EDUCATION

App Academy \\ Full Stack Web Development | Remote   **2025**
Mesa Community College \\ *Associate's in Business Management and Entrepreneurship* | Mesa, AZ   **2019**