

Frank Mirando

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Work Experience

PackPack Coffee - Full Stack Software Engineer (Freelance)

Dec 2024 - Present

PackPack Coffee is a community-oriented mobile cafe business known for crafting signature lattes at catering events.

- Designed and architected a responsive full-stack web application using **React**, **Bootstrap**, **Node.js**, and **Express** that increased lead generation by providing an accessible online presence for a mobile coffee catering business.
- Implemented comprehensive scheduling system with **Google Calendar API** integration that automated booking processes, enabled real-time availability visualization, and reduced manual administrative work by 50%.
- Engineered social media integration using **Instagram Graph API** that automatically displays recent events and customer testimonials, increasing social proof and converting 35% more Instagram followers into booking inquiries.

Blk Dot Coffee – Barista, Shift Lead - Orange, CA

Dec 2023 - Present

- Specialized in crafting espresso-based drinks, calibrating consistent temperatures and textures, and developing latte art skills.

Solugenix – IT Support Specialist

April 2021- April 2022, Brea, CA

- Provided tier 1 technical support for critical medical sterilization equipment, troubleshooting hardware, software, and network connectivity issues across 1000+ support healthcare facilities across the country.
- Managed and maintained IT service desk tickets with an average resolution time of 45 minutes, exceeding organizational SLA targets by 15%.
- Collaborated with cross-functional IT teams and field technicians to escalate complex technical issues, maintaining 99.7% uptime for mission-critical medical systems.

Projects

Atelier Frontend – [Github](#) – A demo-ecommerce website that allows users to browse clothing products.

2023

- Engineered responsive product carousels and a personalized outfit builder using **React** components and **JavaScript** event handling to enhance user engagement and shopping experience.
- Developed **Jest** test suites achieving 70%+ coverage while maintaining code quality through continuous integration.
- Implemented **Node.js** for efficient data fetching, reducing product loading times by 40%.

Atelier API – [Github](#) – Database and API for a demo-ecommerce website.

2023

- Engineered RESTful API endpoints with **Express** to efficiently process and serve product data extracted from multi-million line CSV files and pipelining them into a **PostgreSQL** database via SQL script.
- Deployed scalable architecture on **AWS EC2** with identical instance imaging for consistent server reproduction and reliability.
- Implemented **NGINX** load balancing and caching optimizations, reducing CPU usage by 75% while increasing throughput from 2,000 to 5,000 requests per second with 15 ms response times.

NativEats – [Github](#)

2023

A full-stack mobile app that aims to connect travelers to authentic local cuisine and traditions to enhance their culinary adventures.

- Developed cross-platform mobile UI with **React Native** for iOS and Android, featuring responsive restaurant discovery screens and interactive maps while utilizing **Firebase** authorization and **Docker** containerization.
- Built a scalable **PostgreSQL** database to store and manage detailed information on 100+ Los Angeles restaurants, user profiles, and review data.
- Built robust backend with **Express** and **Node.js**, implementing 29 RESTful API endpoints that power 14 distinct app screens with 200ms average response time.

Education

Hack Reactor | Certificate in Advanced Software Engineering

June 2023

- 1000 hours of coding in JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL in an Agile environment.

California State University of Fullerton | B.S. in Computer Science

December 2020

- Graduated with 3.5 GPA

Technical Skills

Languages – C++, Java, Python, Javascript (ES5 & ES6), Assembly

Full-Stack – React.js, React Native, HTML5, CSS, jQuery, Node.js, Express, MongoDB, MySQL, PostgreSQL, RESTful API

Testing/Deployment/Automation – Jest, Pandas, React Testing Library, Mocha, Chai, AWS EC2, NGINX, Postman, Docker

Developer Tools – Vim, Git, npm, Nx, Webpack, Babel, Agile Methodology, Scrum, Expo