

# SHIVAM PAWAR

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## EDUCATION

University of Central Florida, Master's Degree Computer Engineering

12/2024 | Orlando | FL

## TECHNICAL SKILLS

React Native, React.js, Node.js, TypeScript, JavaScript, Redux, Laravel, C++, Java, Tailwind CSS, HTML, CSS, MySQL, Redis, RESTful APIs, Electron, Firebase, Fastlane, AWS (EC2, S3), CI/CD, Agile, Zustand, Figma, Git

## PROFESSIONAL EXPERIENCE

ItsworthMore.com, Software Developer

01/2025 – Present | Orlando, FL

- Led development of full-stack web, mobile, and desktop apps using **React, Laravel, Node.js, Electron, and React Native**, boosting productivity by 80%.
- Built and deployed a cross-platform **diagnostic app** (iOS/Android) with **React Native**, saving \$5K/month in SaaS costs and increasing QA throughput by 50%.
- Developed browser-based **laptop diagnostics** using **React.js** and **Node.js**, enabling hardware testing across Windows/macOS/Linux platforms.
- Designed responsive, user-friendly UIs using **Figma, Tailwind CSS**, and **React Native Elements**, reducing user errors and improving satisfaction.
- Modernized legacy codebases and optimized performance, reducing costs by 50% and achieving <2s app load times.
- Implemented **RESTful APIs**, automated PDF reporting, and real-time dashboards for diagnostics, reducing manual documentation by 75%.
- Deployed CI/CD pipelines with **Fastlane** and **AWS (EC2, S3)**, achieving 99.9% crash-free sessions and seamless releases.
- Enhanced system security with **role-based authentication** and access control, ensuring compliance with enterprise standards.

University of Central Florida, Graduate Teaching Assistant

05/2023 – 12/2024 | Orlando, US

- Provided support to Professor Hatim Boustique in delivering Enterprise Computing courses, including active engagement in course delivery and student support.
- Delivered technical mentorship to over 150 students each semester in programming languages Java and C++, guiding them through assignments and tests which fostered a deeper understanding of coding principles and practices.
- Troubleshooted and resolved technical issues with software installations and IDE configurations for students.
- Assisted in debugging and troubleshooting programming errors during lab sessions

Spot Fitness App, Developer

05/2024 – 08/2024 | Remote

- Developed a **cross-platform mobile app** (iOS & Android) using **React Native** and **Redux** to display local fitness events and activities based on user location
- Integrated **Google Maps API** to provide interactive, map-based event browsing with real-time location filtering
- Built user flows for **event discovery**, registration, and reminders, enhancing user engagement and session duration
- Implemented **Firebase** backend for authentication, real-time data sync, and cloud storage, ensuring scalable and secure data access
- Designed clean, responsive UI with mobile-first principles, improving onboarding speed and app usability
- Optimized app performance with asynchronous data fetching and caching, reducing load times and improving responsiveness
- Created a Wordpress and a Shopify website for the brand.

## PROJECTS

CoderCraft, Interactive Coding Platform 🔗

09/2025

- Developed a **React** based coding platform with **150 gamified algorithm challenges** across 18 categories (e.g., Arrays, Trees, Graphs, DP)
- Engineered **drag-and-drop gameplay** using **React DnD** with real-time validation and animations powered by **Framer Motion**
- Built an automated **Python pipeline** to generate game components and visualizations, scaling content creation by 400%
- Optimized production bundle to **181KB gzipped** using **Vite, code-splitting**, and **lazy loading**, achieving **95+ Lighthouse scores**
- Designed a **reusable component architecture** and used **Zustand** for global state management across dynamic UI interactions