

YASHRAJ NIKAM

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Education

Rutgers University, GPA: 3.6

Masters of Science in Computer Science

New Jersey, USA

September 2022 - May 2024

MVPS's KBT College of Engineering, GPA: 9.2/10

Bachelor of Engineering in Computer Engineering

Nashik, India

Aug 2018 - Jun 2022

Technical Skills and Certifications

Languages: C, C++, SQL, Javascript, Dart, Python, BASH, HTML, CSS

Tools & Technologies: Flutter, Firebase, React, Node, Cursor, Linux, REST, Jest, Docker, Jenkins, Git version control, Software development lifecycle

Personal Projects

E-Commerce Website - Live Project Link

Nov 2025 – Feb 2026

- Designed and developed a production-grade full-stack e-commerce platform using **Next.js/React, JavaScript, HTML, CSS**, and **Tailwind**, delivering SEO optimization and scalable MVC-based architecture.
- Implemented component-driven React architecture using reusable components, hooks, and state management, improving code reusability, readability, and ease of feature expansion.
- Built **RESTful** APIs with **Node.js**, following modular, service-based architecture for scalability and maintainability.
- Optimized performance and Core Web Vitals using lazy loading, caching, CDN delivery, and frontend best practices.
- Deployed on cloud infrastructure with **CI/CD** pipelines, environment-based configurations, production monitoring, and accelerated development using **Cursor AI** for rapid prototyping, refactoring, and debugging.

Experience

Software Engineer, Hiba Inc, Florida

Apr 2025 - Aug 2025

- Developed and maintained a production-grade **Flutter web application** with **Firebase** backend, enabling donors to participate in sweepstakes and supporting custom logic through **REST APIs** including Candid and Loqate
- Integrated the **Stripe** payment platform for secure donation handling, supporting eligibility validation and custom donation flows, which enabled hundreds of successful real-time transactions.
- Established a robust **CI/CD** pipeline using GitHub Actions for automated testing and deployment to Firebase Hosting and Functions, streamlining release cycles and reducing manual deployment effort by over 70%.

Full Stack Developer, Anita Software Consultancy, Nashik, India

Jun 2021 - Jun 2022

- Designed and developed dynamic shopping portals and ERP systems (School & Hospital) using **Flutter** for cross-platform app development, delivering a smooth and consistent user experience across Android and iOS.
- Implemented RESTful API integrations with optimized backend interaction, using efficient data handling techniques and local caching (e.g., **Hive/SharedPreferences**) to improve app responsiveness and performance.
- Streamlined administrative workflows by integrating automated reporting and interactive data visualization (using packages like **charts_flutter**), reducing task completion time by 30%.

Embedded Software Engineering Intern, Shree Vighnaharta Associates, Nashik

Aug 2021 - Feb 2022

- Developed a vehicle monitoring system using the **ESP8266** microcontroller with the **Espressif SDK**, **Arduino C++**, and **FreeRTOS** to capture sensor-triggered images and upload them to Google Cloud via **HTTP requests**.
- Achieved **96% accuracy** in image classification using **TensorFlow Lite** within a **Flutter app**, ensuring relevant data display despite ESP8266's memory limitations and enhancing monitoring efficiency.
- Saved the company **\$25,000 annually** by enabling precise yard entry/exit tracking and real-time image storage with **Firebase Firestore**, solving losses from inaccurate vehicle reports.

Software Engineer Intern, SWS Financial Solutions, Nashik, India

Dec 2020 - Aug 2021

- Designed and launched a financial literacy app using **Flutter**, which gained strong traction on the Google Play Store.
- Integrated **Firebase** for real-time data and user authentication, and implemented a **CI/CD** pipeline using GitHub Actions to automate builds and testing, reducing deployment time by 40%.
- Managed a structured 3-month development cycle, applying agile principles (Scrum) to track progress. Used Firebase Analytics to monitor user engagement, which improved over time as features were refined.