

# Gabriel Zafra

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## Summary

Entry-level software developer specializing in front-end, UX design, and scalable web applications. Currently expanding backend and cloud expertise through the IBM Full Stack Software Developer course. Committed to delivering user-centered solutions and continuous improvement.

## Experience

### Code Instructor at Code Ninjas (Jul 2022 - Nov 2022)

- Delivered and facilitated interactive HTML, CSS, and JavaScript programming courses, motivating a 60% improvement in pre- and post-course assessments.
- Organized and led successful game modification and web development camps, resulting in a 50% increase in overall camp attendance.
- Developed a modular rewards app prototype integrated with Flutter and Firebase, featuring a home screen, student progress dashboard, calendar, and profile section to enhance user engagement and functionality.

## Education

### Bachelor of Science (Computer Science)

- Rutgers University New Brunswick, May 2023

### UX Design Certificate (Coursera)

- Google, Jan 2024

## Projects

### Portfolio Website (Dec 2024)

- Built responsive portfolio site with React, Typescript, and Tailwind CSS, deployed on GitHub Pages.
- Created card-scroll navigation with smooth scrolling, using GSAP animations.
- Used React hooks, context, optimized rendering for performance.

### Car Maintenance App (Jun 2024 - Present)

- Designed and implemented high-fidelity prototypes using Figma.
- Developed the records screen and add/edit records screen using React Native.
- Collaborated with a team to implement dashboard, maintenance tracking, and reminders.
- Utilized React components to fetch and display data from Firebase backend

### Automated Freedom Board (Mar 2023 - Apr 2023)

- Built a Python bot that integrates with Google Cloud APIs to automate content management and social media posting along with InstagrAPI and OS library.
- Demonstrated ability to work with complex data sources and create efficient automation solutions.

## Skills

**Languages:** HTML5, CSS3, JavaScript, Python, Java, C# (Unity), Swift, Lua. **Frameworks and Libraries:** React.js, React Native, Tailwind CSS, Next.js, Firebase. **Tools and Technologies:** Git & Version Control, API Integration, Figma, Adobe Creative Suite, Google Cloud. **UX Design:** Wireframing & Prototyping, User-Centered Design, Usability Testing, Journey Mapping.