KAI MCFARLANE

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PROFESSIONAL SUMMARY

Self-Taught Full Stack Developer with experience in software applications and third-party libraries. Three years knowledge in Web-Development and Digital Design. Familiar with front end technologies (React.js, TypeScript, CSS) and backend services (NoSql Databases, Node.js, RestAPIs). Comfortable with web-hosting, CMS (content management systems), and Git/GitHub.

EDUCATION

Bachelor of Science in Computer Science   May 2026
University of Florida | Gainesville, FL   GPA: 4.0/4.0

TECHNICAL SKILLS

Programming Languages: HTML, CSS, Javascript, TypeScript, Java, C#, Node.js, JSX, JSON, EJS
Frameworks: React.js, Express.js, Passport.js, Chart.js, MaterialUI
Development Tools: MongoDB, RestAPI, Unity, Git, GitHub, Jira, GitLab, Microsoft Office (Certified Specialist 2016)

WORK EXPERIENCE

Website Application Developer Intern   January 2023 - Present
UFIT | Gainesville, FL
- Redesigning and implementing new cards feature for the personal UF Workspace
- Working with agile development team to add/innovate new features on ONE.UF Platform
- Developing software with the technologies React.js, Node.js, MaterialUI, Git, and GitLab

Web Developer   January 2020 - June 2022
Kiwi-El-Gato | Pembroke Pines, FL
- Wrote clean HTML, CSS, and JavaScript code to create organization website from scratch (kiwielgato.com)
- Tested and implemented site compatibility across multiple browsers and devices, uncovering debugging issues and addressing inconsistencies
- Worked with multiple web-applications to create digital art, designs, and animations for front end of website, increasing Kiwi-El-Gato's interaction by 240% and tripling all-time views on YouTube.
- Earned a Silver Knight Award for Digital and Interactive Media Honorable Mention from the Miami Herald

Software Intern   November 2020 - June 2022
The Museum of Discovery and Science | Fort Lauderdale, FL
- Achieved management recognition by designing and creating educational website during internship
- Programmed virtual reality images and animations with C# and Unity to explain natural phenomena
- Promoted to Lead Software Developer within engineering team.

PROJECT EXPERIENCE

Recipeat, Personal Recipe App   August 2022 - December 2022
Gainesville, FL
- Developed App to save recipes users create along their cooking journey
- Used Bcrypt (encryption software) to hash/salt users passwords and MongoDB to store passwords/recipes
- Built user-authentication functionality through express.js, passport.js, and routing with Node.js

MyClimi, Weather App   June 2022 - August 2022
Plantation, FL
- Developed Local Weather App to display the current climate conditions in any city around the world
- Implemented local-time feature to display location specific time through the IPGeolocationAPI
- Programmed UX/UI features including a dark/light mode, icon/word forecast, and metric/customary displays