

# 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 (No/MySql Databases, Node.js, RestAPIs). Comfortable with web-hosting, CMS (content management systems), and Git/GitHub.

## EDUCATION

**Bachelor of Science in Computer Science**  
University of Florida | Gainesville, FL

May 2025  
GPA: 4.0/4.0

## TECHNICAL SKILLS

**Programming Languages:** HTML, CSS, Javascript, TypeScript, Java, C#, C++, Python, Node.js, SQL, JSON, EJS  
**Frameworks:** React.js, Express.js, Passport.js, Chart.js, MaterialUI, Bootstrap, VObject, PyCalendar  
**Development Tools:** MongoDB, RestAPI, Heroku, Davinci Resolve, Unity, Jira, Git, GitHub, GitLab

## WORK EXPERIENCE

**Website Application Developer Intern**  
UFIT | Gainesville, FL

January 2023 - Present

- 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, GitLab, SQL, and OracleDB

**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  
Gainesville, FL

August 2022 - December 2022

- 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  
Plantation, FL

June 2022 - August 2022

- 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

