

Earl Cameron

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Summary: Earl Cameron is a Full-stack Developer with 4 years of experience. Specializing in both frontend and backend development, Earl excels in managing technical support cases that range from Windows server management to debugging source code and defect patching. With a proven track record of designing innovative AI chatbots, crafting user-friendly dashboards, and mentoring emerging developers, Earl has consistently driven progress in every organization he's collaborated with.

Objective: Passionate about branching into new challenges, Earl is keen to expand his expertise into industries such as gaming, finance, medical, social media, and AI tools. His commitment to innovation, technical expertise, and a pursuit of excellence make him an ideal candidate for roles requiring diverse technical skills and a knack for problem-solving.

Skills:

Programming Languages:

- JavaScript/**ES6+** (Intermediate)
- **Python** (Intermediate)
- **.NET** (Intermediate)

Web Frameworks:

- Node.**js** (Intermediate)
- **Angular** (Intermediate)
- React.**js** (Intermediate)
- **Flask** (Intermediate)

Database Technologies:

- **MongoDB** (Intermediate)
- **MySQL** (Intermediate)
- **SQL** (Intermediate)

Tools and Platforms:

- **REST/HTTP** (Intermediate)
- **GIT** (Intermediate)
- Large Language **Models** (Intermediate)
- OpenAI **API** (Intermediate)
- Visual **Studio** (Intermediate)
- Chrome **Inspector** (Intermediate)
- **Linux** (Intermediate)
- **GCP** (Intermediate)

Experience: UKG | Software Engineer [2020 - Ongoing]

Led the development of an award-winning AI chatbot prototype, earning an internal award for innovation.

Spearheaded emergency 'war rooms' for resolving critical infrastructure issues, ensuring minimal downtime.

Designed and built an internal dashboard to track development and infrastructure Jira cases across multiple development teams.

Mentored interns, providing guidance and support to foster their professional development.

Completed several LinkedIn Learning courses to continually expand technical expertise.

Managed escalated customer cases and defects, maintaining professional communication to resolve issues efficiently.

Created comprehensive process documentation, streamlining workflows for various teams.

Conducted training sessions for support teams to improve handling of technical cases.

Education:

Florida International University, Miami [BA CompSci - Ongoing, ETA 2 years]

Transferred credits from Miami Dade College to pursue a Bachelor of Arts in Computer Science.

Miami Dade College, Miami [AA started, credits transferred to FIU]

Led the development of "MDChem," a chemistry game and dashboard to assist a chemistry professor in improving student scores. GitHub:

<https://github.com/monstercameron/mdchem-mern>

Initiated "People Budget," an interactive web application to involve people in local government. Led a team of 6 students and provided training in web design and React. GitHub: <https://github.com/CodeforSouth/peoplebudget-demo>

LaunchCode Tech Bootcamp, Miami [2019]

Acquired foundational skills in web design.

Projects:

Personal Website 2023

Tech Stack: Node, Express, SQLite, EJS, HTMX

Description: An experimental project to learn HATEOAS principles. Utilized HTMX to add flexibility to the frontend without the complexity of React's ecosystem.

GitHub: <https://github.com/monstercameron/personal-website>

MetaHuman Server

Tech Stack: Python, SOTA AI/ML Models

**Internal Dashboards at
UKG**

Description: A voice-activated chatbot that replicates functionalities similar to Siri or Alexa. Serves as a test bed for integrating various cutting-edge AI models. Still in active research.

GitHub:

<https://github.com/monstercameron/MetaHumanServer>

Tech Stack: .NET, Angular

Description: Led a small team in building an internal analytics dashboard. Tapped into Jira databases and localized data for internal analysis. Metrics tracked include change failure rate, mean time to resolution, cycle times, throughput, etc.

Interests:

Hackathons: Active participant in multiple hackathons such as MDC Game Jam, Mango Hacks, Shell Hacks, Palm Beach Hackathon, and UKG Internal "48 hours." Placed in Tech Hub's Hack for Inclusion event. URL:

<https://techhubsouthflorida.org/hack-for-inclusion-event/>

Large Language Models: Closely following research and new model releases in the large language models market, with intermediate-level expertise in utilizing OpenAI API.

Emerging Technologies: Fascinated by the potential of HTMX in reducing tech stack dependencies while maintaining a high level of interactivity.

Community Engagement: Active member of developer communities such as r/javascript, r/node, and r/reactjs. Exploring electronics projects like the Pi Camera GUI.

Language Learning: Currently learning Japanese and Spanish on Duolingo.