Michael Carroll

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EDUCATION

Florida State University, Tallahassee, FL   **Fall 2022 – May 2026**
Bachelor of Science in Computer Science – (Honors Student)
- **GPA:** 3.84, Dean's List Fall 2022 – Spring 2024
- **Relevant Coursework:** Data Structures and Algorithms I & II, Computer Organization, Full-Stack Development in C#, Discrete Math I & II, Computer Network Systems, Advanced Programming in Java
- **Leadership:** ACM Club, Google Developer Student Club, FSU Pickleball, AWS Cloud Club, ColorStack Fellow
- **Awards and Scholarships:** Florida Academic Scholar 100% Tuition, L3Harris Undergrad Scholarship, NSF S-STEM Scholarship Organization, Dean's List, Upsilon Pi Epsilon

WORK EXPERIENCE

Diverse Computing Inc. – Software Engineer Intern   **January 2024 – Present**
Skills: HTML, CSS, GitHub, Thymeleaf, Spring Boot, React, Microsoft SQL Server,   *Tallahassee, FL*
   PostgreSQL, JavaScript, Java, TypeScript
- Develop efficient, maintainable code adhering to best practices, facilitating easier updates and scalability. Tested my code to identify and fix issues early, ensuring robust and reliable software performance.
- Resolve critical bugs in applications handling sensitive data, ensuring data integrity and application reliability.
- Improve various applications by incorporating client feedback and ensuring optimal functionality and performance.

Florida State University – IT Support Specialist   **August 2023 – January 2024**
Skills: Freshdesk, Sharepoint, ScreenConnect, LanSweeper, Piston   *Tallahassee, FL*
- Provided software and operating system support to Florida State athletic staff through remote assistance using ScreenConnect and on-site troubleshooting.
- Managed an instant replay system utilizing Piston, enabling multiple camera angle replays for sport officials during NCAA Football, Volleyball, Soccer, and Baseball events.

RELEVANT SKILLS

Languages: C++, JavaScript, Java, C#, HTML, CSS, PostgreSQL, Microsoft SQL Server, TypeScript, XAML, Python
Frameworks: React, Spring, Spring Boot, ExpressJS, jQuery, Thymeleaf, AngularJS, .NET MAUI, Node.js, MongoDB
Developer Tools: Git, GitHub, AWS, VSCode, VisualStudio, IntelliJ, Trello

PROJECT EXPERIENCE

PickleBOT – *https://thepicklebot.vercel.app/*   **January 2024 – March 2024**
- Used MongoDB, ExpressJS, React + Vite, and NodeJS to create an appealing full stack application with user authentication and security to protect documentation about pickleBOT on the web app.
- Automated the reservation of courts by running a Node.js script. Outperforms the average user so that a court will be reserved by the bot before the courts sell out.
- Used Puppeteer to create an automation bot that reserves Pickleball courts in Tallahassee for the FSU Pickleball club at a specific time on specific days.

Mike's Market - *https://github.com/Michaelc322/MikesMarket-Summer2024_Project-*   **July 2024**
- Utilized C# and .NET MAUI to create an application that simulates an inventory management system on the backend and a shopping cart system for the client. Users can create a wish list and checkout with items.
- Implemented the ability to create products, specify tax rate, markdowns or BOGO deals, and update stock.

MyMovie Sandbox Application – *https://github.com/Michaelc322/MyMovie-Sandbox-Project*   **January 2024**
- Demo project demonstrating proficiency in Spring Boot, Thymeleaf, React, JWT Tokens, Spring Security, and PostgreSQL.
- Allows authenticated users to search for movies, add movies, add actors to movies, and view all movies.
- Perform basic CRUD actions with a PostgreSQL database using Java Database Connectivity.

CERTIFICATIONS

Amazon Web Services (AWS) Certified Cloud Practitioner   **June 2024**