

# Cody Miller

## Application Engineer



📞 716-602-1448

✉️ C.JMiller17@yahoo.com

🌐 [www.github.com/CJMiller17](https://www.github.com/CJMiller17)

My Portfolio

## Summary

Full Stack Developer expertise in Python, JavaScript, databases, & cloud services. Experienced in developing & optimizing platforms for nonprofits, financial services, and academic-focused applications, including projects that involve archival research, manuscript digitization, & digital library systems. Skilled in database management, software development, & API integration, with a passion for leveraging technology to support academic institutions

## Experience

### Application Developer at Abundant Technology Group

*October 2024 - Present*

- Engineered and supported features for the ForeU anti-budgeting app, leveraging Ionic to create a mobile-first, intuitive interface tailored to Gen Z and Gen Alpha users.
- Integrated Google Cloud Functions and Firestore for backend functionality, ensuring reliable data storage and real-time updates for a smooth user experience
- Engaged in an Agile team to refine UI/UX, leveraging Firebase for real-time updates and delivering a responsive interaction for users

### Web Developer at Carolingian Canon Law Project

*October 2024 - Present*

- Implemented Blaze templating to build dynamic and reactive UI components, enhancing the accessibility and usability of the manuscript database
- Integrated OpenSeaDragon into the platform, allowing users to navigate and analyze high-resolution images of the medieval texts with precision
- Utilized a custom-made editor using Meteor and MongoDB, enabling scholars to transcribe, translate and annotate historical texts seamlessly

### Front-End Developer at Non-Profit Circle

*July 2024 - October 2024*

- Developed and maintained features for the Givingful platform, utilizing React and Material UI to create a user-friendly interface for nonprofit resource exchanges
- Partnered with UX designers, product managers, QA, and other developers in an Agile environment to complete tickets while also participating in code reviews
- Optimized frontend performance through resourceful problem solving by refactoring code and implementing best practices, resulting in faster API calls


### Universal Banker at Bank of the Bluegrass

*October 2021 - February 2024*

- Accurately documented customer interactions in the CRM to streamline customer engagement across the different branches
- Actively listened to clients in order to follow-up with their needs to increase customer satisfaction and consequently customer loyalty
- Quickly relayed pertinent information concerning loss prevention to all branches, saving the bank thousands of dollars per instance

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## Internships

### US Department of State Internship

*June 2019 - August 2019*

- Assisted in development of an AI to aid Ambassadors abroad to modernize flow of responsibilities
- Analyzed and organized extensive volumes of research data, ensuring accurate classification which enhanced the AI's ability to generate skillful insights
- Verified the accuracy of teammates classifications, establish correct AI training and helping the system generate more precise insights for foreign diplomacy.

### Web Developer at Chingu

*July 2024 - October 2024*

- Thrived in collaborative environment with a global team of developers to deploy a full-stack web application based on designs with tight deadlines
- Assisted in identifying and troubleshooting bugs, providing creative solutions to elevate user encounters to promote smooth functionality across the application
- Gained hands-on experience with new technologies, such as Google Maps API and MongoDB, by studying best practices and becoming proficient in relevant documentation

## Relevant Education

### Code:You Tech Training Program

*July 2024 - Present*

- Completed approximately 400 hours of intensive coding and project-based learning
- Developed proficiency in C# and .NET technologies

### Awesome Inc Web Development Bootcamp

*March 2024 - June 2024*

- Completed around 700 hours of intensive coding and project-based learning over 3 months
- Gained proficiency in Javascript, React, SQL, Python and Django technologies

### University of Kentucky: GPA 3.8

*March 2017 - December 2020*

- B.A. Economics - Foreign Language & International Economics
- B.A. International Relations - International Development of Africa & the Middle East

## Related Skills

- |                      |                   |                     |                           |
|----------------------|-------------------|---------------------|---------------------------|
| • Javascript & React | • Python & Django | • Jira              | • Effective Communication |
| • RESTful API's      | • HTML            | • Figma             | • Excellence              |
| • MongoDB            | • MySQL & SQLite  | • Ownership         | • Dedication              |
| • PostGres SQL       | • Firestore       | • Agile Development | • Problem-Solving         |