

# Avery Carroll

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## SUMMARY

Energetic software developer eager to join Apex Fintech Solutions as a Software Engineering Intern. With over two years of experience in crafting secure and efficient applications, I excel in collaborative environments. Skilled in Java and Python, keen on expanding knowledge of frameworks that enhance tech solutions. Experienced in building and maintaining APIs while upholding quality through insightful code reviews. Drawn to the challenge of continuous improvement, contributing to dynamic projects that significantly impact end-users. Passionate about utilizing my skills in an engaging culture where creativity thrives alongside technical growth.

## EDUCATION

### Bachelor's Degree in Computer Science

University of Illinois GPA: 3.8

2024

Urbana, IL

**Coursework:** Data Structures, Database Systems, Software Development, Web Programming

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Database Technologies:** PostgreSQL, SQL
- **Version Control:** Git
- **Containerization:** Docker
- **Monitoring Tools:** Grafana
- **Development Methodologies:** Agile, CI/CD
- **API Protocols:** REST
- **Application Development:** Web Development
- **Cloud Technologies:** AWS, Azure
- **Testing Frameworks:** JUnit, Selenium

## SKILLS

- Java
- Python
- PostgreSQL
- SQL
- Git
- Docker
- Grafana
- RESTful APIs
- Agile
- Web Development
- Cloud-Based Solutions
- Database Management
- Software Testing
- System Integration
- Spring Framework
- APIs

## EXPERIENCE

### Software Developer

Tech Innovations Inc.

January 2025 - Present

Peoria, IL

Contributed to creating and perfecting RESTful APIs at Tech Innovations Inc., focusing heavily on precision and scalability. Engaged collaboratively with both junior and senior developers, enhancing functionality while strengthening quality protocols.

- Designed and developed RESTful APIs for internal applications, improving user experience.
- Conducted thorough code reviews, fostering team coherence and high standards.
- Assisted with migrating conventional solutions to modern cloud platforms, ensuring efficiency.
- Utilized PostgreSQL for data management, optimizing access and speed in database interactions.

### Junior Developer

Creative Solutions LLC

June 2024 - December 2024

Champaign, IL

Learned rapidly while creating features for pivotal internal tools at Creative Solutions LLC. Collaborated closely in agile sprints to refine code and processes based on feedback.

- Developed innovative functionalities using Java and Python, responding to user needs.
- Managed databases, streamlining queries for significant performance boosts.
- Participated actively in sprint planning and retrospectives, collaborating effectively with the team.
- Drove improvements in application stability following feedback from various stakeholders.

### Team Lead

University Projects

August 2023 - May 2024

Urbana, IL

Led a diverse group during a student project geared towards enhancing local businesses' web presence. Concentrated efforts on wrapping technology within user-centric design principles.

- Supervised a coding team to build a fully functioning web app, prioritizing UX.
- Beyond programming, conducted presentations, gathering valuable input from faculty members.
- Integrated Java and PostgreSQL for seamless end-to-end functionality.
- Fostered collaboration within the team to encourage creativity and innovation.

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## LEADERSHIP & AWARDS

- Recipient of the University Academic Excellence Award for outstanding performance in Computer Science.
- Champion of Local Hackathon 2023, developing an award-winning app focused on community engagement.

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## CERTIFICATIONS

- Certified Java Developer 📅 2025
- PostgreSQL Certification 📅 2025

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## PROFESSIONAL AFFILIATIONS

- Volunteer at Local Community Center, assisting in STEM-related workshops.

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## LANGUAGES

- English (Native) • Spanish (Proficient)

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## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

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## REFERENCES

AVAILABLE ON REQUEST