

# Easton Watkins

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## SUMMARY

Approachable Applied AI Platform Engineer bringing 6+ years in backend development and application integration. Skilled at leveraging Python for maintainable back-end services and ensuring server management. Proficient with LLM API integration and Docker, focusing on error handling and containerization. Able to improve security through proper credential management and access controls while collaborating with designers and project teams to convert requirements into successful applications. Ready for new challenges that enhance operational efficiency and compliance, aligning technology solutions with business needs.

## EXPERIENCE

### Senior Backend Engineer

January 2022 - Present

Tech Innovations Inc.

Schaumburg, IL

Leading backend service developments and ensuring systems run optimally with high availability. Working closely with product managers and cross-functional teams.

- Developed backend services using Python, enhancing maintainability and performance across platforms.
- Implemented Docker for reliable deployment of containerized applications.
- Collaborated with product teams to create secure authentication protocols.
- Mentored junior developers, sharing best practices and fostering continuous learning.

### Backend Engineer

June 2019 - December 2021

Cloud Solutions Group

Naperville, IL

Focused on API development while managing server environments for enterprise applications., assisting teams in addressing technical challenges effectively.

- Designed multiple APIs optimizing security and performance metrics within production settings.
- Managed Linux server environments, ensuring high uptime and effective resource usage.
- Developed logging solutions that improved system monitoring and issue resolution processes.

### Junior Developer

August 2018 - May 2019

Digital Systems LLC

Aurora, IL

Supported senior developers in the creation of web applications, contributing to team discussions for problem-solving.

- Assisted in backend development for web applications using Node.js and PostgreSQL, ensuring code quality.
- Participated in agile meetings for requirement gathering, translating needs into effective solutions.
- Conducted systematic testing to verify application functionality and reliability.

## PROJECTS

### API Integration Enhancement 📅 March 2023

Streamlined API integrations into existing applications by implementing efficient prompt pipelines, leading to more stable deployments.

### Containerization Project 📅 November 2022

Led a project converting monolithic architectures to container-based systems using Docker to improve scalability and deployment speed.

## LEADERSHIP & AWARDS

- Excellence in Engineering Award for Commitment and Development Contributions (2023)
- Dean's List Recognition for Academic Performance, University of Illinois (2016-2018)

## EDUCATION

### Bachelor's Degree in Computer Science

2018

University of Illinois GPA: 3.8

Champaign, IL

**Coursework:** Data Structures, Algorithms, Software Engineering, Database Management

## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate 📅 2021
- Certified Kubernetes Administrator 📅 2022

## TECHNICAL SKILLS

- **Backend Development Tools:** Python, Node.js, PostgreSQL
- **Containerization Technologies:** Docker, Kubernetes, OpenShift
- **Deployment & Monitoring:** CI/CD, Jenkins, Nagios
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Server Administration:** Linux, SSH, Firewall
- **API Management:** Postman, Swagger, GraphQL
- **Security Practices:** OAuth, TLS, HTTPS
- **DevOps Methodologies:** Agile, Scrum, DevSecOps
- **Collaboration Tools:** JIRA, Trello, Slack
- **Performance Monitoring:** New Relic, DataDog, Grafana

## SKILLS

- Python
- API development
- Server management
- Credential management
- Node.js
- Web security
- System monitoring
- Application integration
- Docker
- PostgreSQL
- Authentication flows
- Error handling
- Linux
- CI/CD pipelines
- TLS
- Logging mechanisms

## PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery
- Volunteer, Code For Good Initiative, promoting tech education among youth.

## LANGUAGES

- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST