

# Cohen Hossain

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## SUMMARY

Ambitious DevOps Engineer Intern passionate about cloud environments and automation practices. Currently pursuing a Computer Science degree, crafting CI/CD pipelines, maintaining software reliability, and integrating AI-driven tools into development processes. Adept at collaborating with cross-functional teams, driving project initiatives with strong problem-solving skills. Proven experience in automated testing frameworks, effectively enhancing application performance, usability, and efficiency. Eager to apply academic knowledge in a professional environment at InnovateTech Solutions while contributing to innovative development efforts for enhanced software delivery.

## EDUCATION

### Bachelor of Science in Computer Science

University of Illinois GPA: 3.5

2026

Champaign, IL

*Coursework: Software Development, Cloud Computing, Artificial Intelligence, Project Management*

## TECHNICAL SKILLS

- Cloud Platforms:** Azure, AWS, Google Cloud
- DevOps Tools:** Jenkins, Docker, Kubernetes
- Testing Frameworks:** Selenium, JUnit, Postman
- Version Control Systems:** Git, SVN, Bitbucket
- Monitoring Tools:** Prometheus, Grafana, New Relic
- Project Management Methodologies:** Agile, Scrum, Kanban
- Incident Response Techniques:** Basic Troubleshooting, Root Cause Analysis, Mitigation Strategies
- Documentation Standards:** Markdown, Confluence, Wiki
- Artificial Intelligence Environments:** TensorFlow, PyTorch, Keras
- Operating Systems:** Linux, Windows, macOS

## SKILLS

- Azure DevOps
- CI/CD
- Agile
- Scrum
- Git
- Jira
- AI/ML Concepts
- Automated Testing
- Problem Solving
- Team Collaboration
- Docker
- Kubernetes
- Selenium
- MLOps
- Incident Response

## EXPERIENCE

### DevOps Project Developer

January 2026 - May 2026

University Project

Champaign, IL

Contributed as a DevOps Project Developer in an academic setting, focusing on creating cloud solutions and automating deployment processes. Gained hands-on experience working closely with peers on cutting-edge technology projects utilizing Azure DevOps.

- Collaborated with a team to implement a CI/CD pipeline for a cloud-based app using Azure DevOps.
- Built automated testing frameworks, significantly improving software reliability and functionality.
- Developed test plans and conducted tests, verifying application usability and performance under different conditions.
- Integrated AI-powered tools for anomaly detection, elevating the monitoring process's effectiveness.
- Assisted in troubleshooting production systems, leading to enhanced system availability and user satisfaction.
- Documented project outcomes and insights, providing a valuable resource for future projects.

### Student Team Leader

November 2025

Hackathon Project

Champaign, IL

Served as a Student Team Leader during a competitive hackathon, guiding a diverse group towards developing innovative solutions focused on AI applications. Fostered collaboration and creativity within a time-constrained environment to achieve project goals.

- Led a team in creating a prototype emphasizing AI-assisted code review through machine learning technologies.
- Utilized Git for version control, fostering effective task management amongst team members.
- Presented our final product to judges, earning commendations for the innovative approach and execution.
- Formulated and executed test scenarios aimed at assessing the application's performance and usability.
- Engaged with users for feedback, iterating features rapidly based on real-world use cases.
- Mentored team members on Agile methodologies, enriching their understanding of modern development best practices.

## Research Assistant

September 2025 - December 2025

Academic Research

*Champaign, IL*

As a Research Assistant, collaborated with faculty on MLOps research concentrating on deploying machine learning models. Supported innovative endeavors while cultivating seminar and publication projects.

- Conducted rigorous literature reviews aligned with emerging trends in AI and MLOps.
- Assisted in documenting findings for presentations at academic conferences, showcasing critical insights.
- Collaborated closely with a research team, discussing progress and strategizing on key developments.
- Supported the development of a research paper submitted to a peer-reviewed journal, aiming to further academic contributions.
- Used Jira for task tracking, enhancing organizational productivity throughout the research phase.
- Participated actively in brainstorming sessions, promoting new ideas and solutions to complex problems.

## LEADERSHIP & AWARDS

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- Dean's List, University of Illinois, Fall 2025
- Hackathon Winner, Champaign Tech Challenge, November 2025

## CERTIFICATIONS

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- Google Cloud Fundamentals: Big Data and Machine Learning 📅 2026
- AI and Machine Learning Foundations 📅 2026

## PROFESSIONAL AFFILIATIONS

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- Member, Computer Science Club, University of Illinois
- Participant, AI and Machine Learning Workshop, Spring 2026

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST