



# Cohen Hossain

## DevOps Engineer Intern

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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

### EXPERIENCE

#### DevOps Project Developer

University Project 📅 January 2026 - May 2026 📍 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

Hackathon Project 📅 November 2025 📍 Champaign, IL

### STRENGTHS

- 👥 **Team Collaboration**  
Fostered teamwork by organizing collaborative events and discussions, boosting positivity and shared ownership over project goals.
- 💡 **Creative Problem Solving**  
Resolved technical challenges swiftly during project phases, gaining trust and becoming a resource for peers when confronted with issues.
- 📄 **Technical Documentation**  
Created clear and accessible documentation for processes and solutions, greatly aiding onboarding and future project implementation.
- 🔗 **Adaptability**  
Quickly adjusted to new technologies and resolution strategies, becoming proficient in various DevOps tools necessary for critical tasks.
- 🔍 **Analytical Thinking**  
Applied analytical methods for thorough analysis of functional systems, leading to optimized workflows and notable improvements in performance metrics.

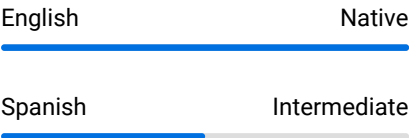
### SKILLS

Azure DevOps CI/CD Agile  
Scrum Git Jira AI/ML Concepts  
Automated Testing  
Problem Solving  
Team Collaboration Docker

Kubernetes Selenium MLOps

Incident Response

LANGUAGES



MY CAREER



- DevOps Project Developer at University Project (4 Months)
- Research Assistant at Academic Research (3 Months)

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

Academic Research 📅 September 2025 - December 2025 📍 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

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

CERTIFICATIONS

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

PROFESSIONAL AFFILIATIONS

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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST