

# Mohamed Hassan

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## PROFESSIONAL SUMMARY

Results-driven Cloud DevOps Engineer with experience in automating cloud operations, implementing Infrastructure as Code (IaC), and designing CI/CD pipelines. Skilled in Terraform, Ansible, and Azure DevOps, with a strong focus on DevSecOps practices and cloud cost optimization. Proficient in scripting languages such as Bash, PowerShell, and Python.

## SKILLS

Cloud Computing • DevOps • Infrastructure as Code (IaC) • CI/CD Pipelines • Terraform • Ansible • Azure DevOps • Bash • PowerShell • Python • DevSecOps

## WORK EXPERIENCE

### Software Engineer - Adappt

*Jun 2025 - Present*

- Designed and implemented automated deployment scripts using Bash and PowerShell to reduce manual intervention and improve system reliability
- Collaborated with development teams to integrate security controls and compliance checks into CI/CD pipelines, ensuring adherence to governance and regulatory standards

### Freelance Backend Developer - Plans-Plus Platform

*Feb 2025 - May 2025*

- Developed and deployed a scalable backend system using Node.js and TypeScript, integrating with third-party services and ensuring secure authentication using JWT and OAuth
- Implemented automated workflows for routine operational tasks, monitoring, and backups to improve service reliability and reduce manual workload

### ASP.NET Core Developer - INNOTECH Company

*Jan 2023 - Mar 2024*

- Utilized Entity Framework Core to design and maintain efficient database interactions, and applied object-oriented programming principles to build scalable and maintainable systems
- Contributed to the development of clean, well-structured code following best practices, and collaborated with teams to ensure continuous integration and delivery of high-quality software

## EDUCATION

**Bachelor of Computer Science** - Tanta University, 2021-2025

## PROJECTS

**Plant-it E-Commerce Project:** Developed a plant-ordering platform using .NET Web API, EF Core, and MySQL, with a focus on secure authentication, optimized database design, and robust transaction management