

Ashutosh Sharma

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Education

Durham College	Oshawa, ON
Post Graduate Certificate in Cybersecurity & Cloud Computing	Sep. 2023 – Apr. 2025
<ul style="list-style-type: none">Secure Software Development, Cloud Security, Network Security, Ethical Hacking, Splunk FundamentalsAWS, Azure, GCP, Kubernetes, Terraform, Jenkins, CodePipeline, GitHub Actions, CI/CD, DevSecOpsGPA: 4.75 / 5.0	
Leeds Beckett University	Leeds, UK
Bachelor of Science Honours Computing	Feb. 2019 – July 2022
<ul style="list-style-type: none">Software Development, Web Development, Database Management, SDLC, NetworkingJava, Python, C#, JavaScript, HTML, CSS, PHP, ASP.NET, React, Node.js, Express, MongoDB, PostgreSQLGPA: 3.8 / 4.0	

Technical Skills

Cloud Platforms: AWS (EC2, S3, Lambda, ECS, EKS, CloudFormation), Azure, GCP
DevOps & IaC: Docker, Kubernetes, Terraform, Pulumi, Jenkins, GitHub Actions, AWS CodePipeline, Google CloudBuild, Azure DevOps
Languages: Golang, TypeScript, JavaScript, Python, C#, SQL, Bash, AWK, sed
Frameworks: React, Next.js, ASP.NET Core, gRPC, Flask, Django (basic)
Web Technologies: HTTP/HTTPS, XML, JSON
Databases: PostgreSQL, MongoDB, MS SQL, DynamoDB
Monitoring & Security: Prometheus, Grafana, SonarQube, AWS CloudTrail
Operating Systems: Linux (Arch, Ubuntu), Windows
Tools: Git, Neovim, Shell Scripting, Jira, Internal Tools Development
Certifications: HashiCorp Terraform Associate ([Verified Badge](#)), CREATIO Developer (2022)

Experience

Cloud Engineer Co-op	May 2025 – Aug. 2025
Health Espresso (Remote)	
<ul style="list-style-type: none">Developed and deployed containerized AWS Lambda functions using Docker, improving maintainability and reducing deployment time by over 40%.Engineered a Terraform-based CI/CD pipeline with AWS CodePipeline and CodeBuild, enabling seamless promotion of new functions to dev and prod environments.Wrote robust Bash automation scripts to dynamically generate alias, permissions, and configuration templates for multi-region support.Optimized Terraform modules, reducing resource duplication and improving reusability across deployments.Collaborated on technical documentation and cloud service mapping with other co-op students; contributed to over 10 service diagrams and process documents reviewed by senior engineers.	
Full Stack Developer	June 2020 – Aug. 2023
Samartha International InfoSolutions	
Kathmandu, Nepal	
<ul style="list-style-type: none">Spearheaded the development of an E-commerce platform using React, ASP.NET Core, and PostgreSQL.Leveraged AWS services and CI/CD pipelines to reduce deployment time by 50%.Architected CRM & BPM solutions using ASP.NET and MS SQL to streamline business workflows.Deployed containerized workloads with Docker & Kubernetes, optimizing scalability and reducing infrastructure cost by 30%.	

Projects

PharmaKart (Link)	Golang, gRPC, Kubernetes, Terraform, AWS, GitHub Actions, PostgreSQL	Jan. 2025 – Mar. 2025
<ul style="list-style-type: none">Designed and deployed microservices using Golang and gRPC with JSON-based APIs.Provisioned AWS infrastructure using Terraform and orchestrated services via Kubernetes.Set up zero-downtime CI/CD pipelines using GitHub Actions and AWS CodePipeline.Built and deployed internal admin tooling to manage users, prescriptions, and orders—accelerating support workflows.Achieved 99.9% uptime using fault-tolerant architecture and proactive Kubernetes resource tuning.		