

Ashutosh Sharma

Full-Stack Developer

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Professional Summary

Innovative full-stack developer with 3+ years of experience delivering CRM and BPM solutions. Proven skills in designing, deploying, and managing scalable cloud-based applications using ASP.Net, React, Docker, and Kubernetes. Enhanced productivity and reduced manual errors through process automation. Recently expanded expertise in microservices architecture, Kubernetes, Terraform, Golang, and gRPC, as demonstrated in the PharmaKart project.

Work Experience

- **Full Stack Developer, Samartha International InfoSolutions, Kathmandu, Nepal** 2020 – 2023
 - Rapid career progression from intern to lead developer, focusing on efficiency and digital transformation.
 - **CRM and BPM Solution Implementation:** Led design and customization using C#, JavaScript, and Ext.JS.
 - **Impact:** Increased productivity by **25%** through optimized automation.
 - **Digital Bill Tracking System:** Built a platform with ASP.Net and Next.js for billing management.
 - **Impact:** Reduced manual errors by **15%**, speeding up tracking by **20%**.
 - **Electronic Attendance with Digital ID:** Developed an attendance system with ASP.Net and React.
 - **Impact:** Boosted accuracy by **30%**, cutting down fraud and manual inaccuracies.
 - Facilitated team collaboration and code reviews to maintain high-quality development standards.

Projects

- **PharmaKart Project** 2023
 - Developed a microservices-based solution utilizing Golang and gRPC for efficient inter-service communication.
 - Leveraged Kubernetes for orchestration and Terraform for infrastructure provisioning to ensure scalability and reliability.
 - Implemented CI/CD pipelines for streamlined deployment.
 - Repository: github.com/PharmaKart/pharmakart-web

Education

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| Postgraduate in Cloud Computing , Durham College, Oshawa, ON, Canada | 2024 – 2025 |
| Postgraduate in Cybersecurity , Durham College, Oshawa, ON, Canada | 2023 – 2024 |
| BSc. Hons Computing , Leeds Beckett University, Leeds, United Kingdom | 2018 – 2022 |

Technical Skills

Languages: C#, JavaScript, TypeScript, Python, SQL, Golang

Frameworks/Libraries: React, ASP.Net, Next.js, Flask, gRPC

DevOps/Cloud Technologies: Docker, Kubernetes, AWS, Azure, Terraform

Databases: PostgreSQL, MSSQL, MongoDB

Tools: Git, Jenkins, CI/CD, SonarQube

Social Skills: Team Leadership, Communication, Problem-Solving, Decision-Making

Interests

Enthusiastic about gaming, indie music exploration, trekking, traveling, and sci-fi culture. Actively involved in tech communities, participating in meetups, and continuously seeking new learning opportunities. Open to new challenges and eager to contribute to innovative projects.