




# Ridham Kumar

## Dot-Net Developer

### Contact

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### Academic Details

- Bachelor of Technology (B.Tech) in Computer Science Engineering**  
Guru Nanak Dev University, Amritsar  
CGPA: 7.3 | Graduation Year: 2025

### Soft Skills

Analytical | Collaborator | Leader | Adaptable

### Technical Skills

- Programming Languages:**  
C#, MS SQL, Java, C++, Python, JavaScript
- Frameworks:**  
ASP.NET MVC, Docker, GitHub Actions, AWS

### Core Competencies

Agile Methodologies

Software Development Life Cycle

Docker

Debugging

Restful API

Web Services

AWS

Performance Optimization

System Scalability

### Profile Summary

- Gained hands-on experience in **full-stack web development** during internship at Kaspro Solutions Pvt Ltd, contributing to real-time modules and backend CRUD operations.
- Developed and maintained secure, scalable applications using engineering best practices including clean, optimized, and reusable code principles.
- Wrote and maintained project documentation including inline code comments, GitHub README files, and clear, informative commit messages.
- Familiar with core web technologies such as HTML, CSS, JavaScript, and MySQL, with a strong understanding of **software development lifecycle (SDLC)** and Agile workflows like sprint planning and daily stand-ups.
- Proficient in PHP syntax, OOP concepts, debugging, and familiar with database-driven development.
- Participated in the deployment of web applications on AWS with Docker containerization and CI/CD pipelines using GitHub Actions.

### Work Experience

**.NET Developer Intern**  
**Kaspro Solutions Pvt Ltd, Mohali, Chandigarh**

**January 2025 –May2025**

#### Responsibilities:

- Developed and maintained web applications using ASP.NET MVC and ADO.NET.
- Created and optimized backend CRUD operations with SQL Server for project management features.
- Gained experience with Docker to containerize .NET applications for consistent local development.
- Assisted in deploying applications to AWS EC2 and managing files using S3 buckets.
- Participated in Agile meetings including daily stand-ups and sprint planning.
- Integrated GitHub Actions for basic CI/CD automation in development workflows.
- Participated in Agile Scrum ceremonies — sprint planning, daily standups, retrospectives — contributing to iterative product delivery.

#### Achievements:

- Contributed to the development of internal tools that enhanced employee productivity and project task tracking.
- Played a key role in implementing core features of a real-time HR management module, delivering them within tight deadlines.
- Recognized by mentors for quick adaptability, clean coding standards, and effective problem-solving during development.
- Successfully led the setup of a CI/CD pipeline using GitHub Actions, reducing manual deployment efforts by 40%.
- Commended by the management for proactive issue resolution during live deployments, maintaining 99.9% application uptime.

### Academic Projects

**Online Book Store Management System | | ASP.NET MVC + ADO.NET**  
**Tools:** ASP.NET MVC, ADO.NET, SQL Server, Bootstrap, Git  
**Roles:** Full-Stack Web Application Development, Backend Database Integration, Deployment

PROJECT-DESCRIPTION:

**Hospital Management System | | ASP.NET Core MVC + EF Core**  
**Tools:** ASP.NET Core MVC, Entity Framework Core, SQL Server, GitHub Actions  
**Roles:** Backend Development, Database Design, Deployment and Monitoring

Built a full-stack hospital management application enabling patient registrations, appointment scheduling, doctor management, and billing operations. Implemented secure CRUD functionalities using Entity Framework Core and deployed on cloud servers with automated CI/CD pipelines using GitHub Actions.

