

# PRATHAM ADITYA SALHOTRA

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## PROFESSIONAL SUMMARY

Microsoft Certified Dynamic Software Engineer with 2 years of experience in developing and maintaining cloud-based, scalable web applications. Proficient in C#, Azure, and prompt engineering, effectively creating robust backend systems and intuitive frontend interfaces. Demonstrated expertise in leveraging modern technologies and frameworks to enhance application functionality and user experience. Committed to following agile practices and fostering collaboration within teams to drive innovative solutions. Passionate about continuous learning and applying cutting-edge tools to optimize workflows and improve product quality.

## EXPERIENCE

### Midtown Associate - Software Engineer

Mohali  
08/2023 - Current

Developed and maintained cloud-based, scalable web applications using ASP.NET Core Web API, MVC, and Microsoft SQL Server, adhering to clean and modular architecture.

Created dynamic and responsive frontend interfaces using HTML, CSS, JavaScript, jQuery, and Bootstrap.

Integrated OpenAI's APIs for intelligent features like natural language to SQL prompt generation, enhancing usability and functionality of data tools.

Built serverless solutions using Azure Functions, streamlining background processing and asynchronous tasks.

Implemented scalable solutions using Azure Blob Storage, and leveraged Azure Cosmos DB and Azure Table Storage for structured and unstructured data at scale.

Used Azure Event Grid and Pub/Sub patterns to build event-driven components for real-time communication between microservices.

Managed deployments using Azure DevOps with full CI/CD pipelines, automating build, test, and release processes.

Designed and maintained searchable content APIs by integrating with Elasticsearch, enabling fast data retrieval and indexing.

Followed agile development practices, and actively participated in team sprints, code reviews, and architectural discussions.

### Midtown Associate - Internship

Mohali  
02/2023 - 07/2023

Automated web testing tasks using Selenium in both Python and C#, improving test coverage and reducing manual effort.

Utilized BeautifulSoup (BS) in Python for web scraping and data extraction from dynamic websites.

Created an internal user testing tool in C# to simulate workflows and gather usability insights during development cycles.

Gained hands-on experience with full-stack development and automation in a collaborative, real-world environment.

## SKILLS

ASP.NET Core Web API, RESTful APIs, Entity Framework Core, Clean Architecture

Azure Functions, Azure Blob Storage, Azure Cosmos DB, Azure Storage Table

OpenAI API (Prompt Engineering, GPT-based integrations)

Azure and AI Foundry

Prompt Engineering

Object-oriented programming

API development

.NET development

Agile methodologies

Software development life cycle (SDLC)

## EDUCATION

08/2023  
**DAV Institute of Engineering and Technology**  
Jalandhar

**Bachelor of Technology (B.Tech):**  
Computer Science and Engineering  
GPA: 8.04 CGPA

## CERTIFICATIONS

Certified **Microsoft Certified: Azure Developer Associate**, Verify AZ-204 Certification  
**URL:** <https://learn.microsoft.com/en-us/users/prathamsalhotra-7083/credentials/certification/azure-developer?tab=credentials-tab>