

# ABHISHEK KUMAR

Microsoft Certified: Azure AI Fundamentals



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## PERSONAL PROFILE

A results-oriented professional, seeking to leverage expertise in full-stack development, cloud architecture, and team leadership to drive innovative solutions and optimize business processes. Aiming to contribute expertise in cloud technologies, system architecture and cross-functional collaboration to lead transformative projects at a senior leadership role.

## EDUCATION

B. Tech. in Information Technology  
UPTU - Lucknow | 2013

## CORE COMPETENCIES

Full Stack Web Development  
Cloud Architecture & Deployment  
User Experience Design  
Continuous Integration & Deployment  
API Development & Integration  
Automated Testing & QA  
Agile Methodologies  
Software Development Life Cycle  
System Architecture Design  
Database Design & Optimization  
Software System Integration  
Team Leadership & Development

## CERTIFICATION

AI Azure Fundamental Certification

## PROFILE SUMMARY

Senior Full Stack & AI Solutions Architect with over 11 years of experience in Azure Cloud, Python (FastAPI, LangChain), Kubernetes, and .NET Core microservices. Demonstrated success in leading teams, designing scalable AI-driven systems, and integrating Large Language Models (LLMs) for enterprise-grade automation, analytics, and decision support.

- Leadership & Mentorship:** Proven track record of leading 2-3 member development teams, driving architecture decisions, sprint planning, and delivery of complex cloud-native systems. Skilled in mentoring engineers, improving team velocity, and enforcing clean coding and design standards.
- Azure & Cloud Architecture:** Expert in designing microservice architectures on Azure using SignalR, Service Bus, Azure Functions, Azure SQL, and Docker-based deployments, improving scalability and uptime.
- AI and LLM Development:** Delivered intelligent solutions using GPT-4, Gemini, LangChain, and LangGraph with Python and FastAPI to enable context-aware automation, semantic search, and dynamic report generation.
- .NET Core & FastAPI Expertise:** Deep experience in architecting APIs and backend services using .NET Core and FastAPI, integrating with frontends built in React and Angular.
- Agile Project Delivery:** Strong experience leading Agile ceremonies, defining sprints, and ensuring predictable delivery through CI/CD pipelines with Azure DevOps and GitHub Actions.
- Business Alignment:** Adept at translating business goals into scalable technical designs, ensuring measurable outcomes in performance, maintainability, and automation efficiency.

## WORK EXPERIENCE

Ciena | Gurugram (Remote)

Since Apr' 2020 - Present

### GROWTH PATH:



Senior Full Stack Developer / Feb' 2022 - Present

### Key Result Areas:

#### Leadership & Achievements:

- Led and mentored a cross-functional team of developers to design and deliver AI-driven, full-stack systems using Azure, Python (FastAPI), Kubernetes, and .NET Core.
- Acted as technical lead for architecture reviews, mentoring, and cross-team collaboration — resulting in 35% reduction in technical debt and faster delivery cycles.
- Drove Agile adoption through sprint planning, code reviews, and automated CI/CD pipelines using Azure DevOps, improving release reliability and reducing manual overhead.

#### Key Technical Contributions:

- Architected cloud-native microservices on Azure using SignalR, Service Bus, and Azure SQL, enabling real-time communication and high scalability.
- Developed LLM-powered applications integrating GPT-4, Gemini, and LangChain for intelligent dynamic reporting, context summarization, and workflow automation.
- Built FastAPI and .NET Core APIs with seamless front-end integration (React, Angular) and Kafka-based event streaming for real-time analytics.

## TECHNICAL SKILLS

Azure AI Foundry

Dot NET CORE

Azure

AWS

AI Integration

React

Angular

Python

Open AI

Google Gemini

Kafka

## KEY HIGHLIGHTS

Led a initiative that significantly improved system performance, resulting in a **35%** boost in application efficiency and user engagement, reflecting a dedication to ongoing enhancement.

Successfully led a team initiative that resulted in a **22%** reduction in development time for new features, significantly enhancing the team's productivity and project turnaround.

Proven track record of leading cross-functional teams of **3** members, contributing to improvement in team performance and project delivery timelines.

## PERSONAL DETAILS

D.O.B: 29-061988

Languages: English, Hindi

Address: H no.29, Divine Residency, Vaidpura, Greater Noida, 203207

### Impact:

- Improved report generation efficiency by 40% through AI-based automation.
- Reduced cycle time by 22% with optimized pipelines and better coordination.
- Strengthened architecture governance and coding discipline through proactive mentoring and leadership.

### Software Analyst / Apr' 2020 – Jan' 2022

#### Key Result Areas:

- Optimized application functionality by conducting thorough testing and debugging to enhance performance and stability.
- Streamlined operational processes, driving increased productivity through detailed system analysis and optimization.
- Collaborated with cross-functional teams to deliver high-quality software solutions within strict deadlines.
- Cultivated a culture of continuous improvement and knowledge sharing by staying updated with industry trends and sharing valuable insights with the team.

## PREVIOUS WORK EXPERIENCE

### Sr. Software Developer

HCL Global | Client -Tech USA, Ciena) | Remote

#### Key Result Areas:

- Delivered high-quality code on schedule by efficiently managing project timelines and prioritizing tasks.
- Enhanced software performance by identifying and addressing code bottlenecks.
- Worked closely with cross-functional teams to ensure seamless integration of software components into existing systems.

### Senior Software Developer

Knowcross | India | Jun' 2017 – Jun' 2019

#### Key Result Areas:

- Guided and mentored junior developers, sharing best practices and coding techniques to boost productivity.
- Delivered high-quality code within deadlines by managing project timelines and prioritizing tasks effectively.
- Trained new developers on company standards for design and code review processes.
- Optimized software performance by identifying and resolving code bottlenecks.
- Enhanced user experience through interface design and functionality optimization.
- Provided technical support, leveraging in-depth knowledge of complex technologies to address issues and support new initiatives.
- Played an active role in troubleshooting, quickly isolating root causes and implementing effective solutions.

### .Net Developer

MetaOption LLC Noida | Noida | Oct' 2015 – Jun' 2017

### Software Engineer

Ebsavvy Infotech (Droisys Inc.) | Noida | Nov' 2014 – Oct' 2015

# ANNEXURE

## ORGANISATIONAL PROJECTS

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- **Dynamic Reporting System with LLMs | Technologies:** . Python, Lang Chain, LangGraph, React, GPT-4, Google Gemini,  
**Description:**

Engineered an intelligent dynamic reporting system using Large Language Models (LLMs) such as GPT-4 and Google Gemini. Utilized Lang Chain and LangGraph in Python to enable real-time, contextual report generation. The backend was developed using .NET Core with real-time updates through Azure SignalR, and the frontend built with React. The solution provides adaptive, data-driven reports with natural language query support.

- **Admin Panel Migration | Technologies:** .NET Core, Azure Services, React, Kafka, Kubernetes  
**Description:**

Led the migration of a legacy admin panel to a modern technology stack using React for the frontend, .NET Core for the backend, and Kubernetes for container orchestration and deployment. The migration improved performance, scalability, user experience, and simplified future development and maintenance.

- **Fast Fiber Integration | Technologies:** .NET Core, Azure SignalR, React, WPF, Kafka, Kubernetes  
**Description:**

Developed a real-time web application for fiber optic device data visualization, deployed on Kubernetes for high availability and scalability. Used SignalR for two-way data communication, React for a dynamic user interface, and WPF for hardware interaction. Enabled real-time monitoring and live data analysis.

- **Fast Checklist | Technologies:** .NET Core, Azure Services, Angular, Kafka  
**Description:**

Created the Fast Checklist platform to help technical teams manage on-site checklists, generate reports, and store documents. Migrated frontend from Angular to React for improved performance. Enabled streamlined data entry, faster reporting, and better document handling.

- **Ciena Notification Management System | Technologies:** Spring Boot, Kafka  
**Description:**

Managed the development of a scalable notification management system as the sole contributor. The system was designed to ensure seamless and reliable delivery of notifications by employing Spring Boot for backend operations and Apache Kafka for robust, asynchronous message handling. The solution optimizes notification workflows, ensuring efficiency and scalability across the platform.