

# Ajay Pandey

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## TECHNICAL SKILLS

**Backend:** C#, ASP.NET Core, RESTful APIs, Entity Framework, Python(Basics), Java(Basics)

**Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3

**Database:** Microsoft SQL Server, MongoDB, MySQL

**Cloud & Tools:** Azure App Services, Git, GitHub

**Core Concepts:** OOP, Data Structures & Algorithms, DBMS, REST Architecture

## EXPERIENCE

**Wipro Technologies** | *Project Engineer – AECS (Microsoft Practice), Industry Cloud & Digital* Mar 2025 – Present

- Developing enterprise applications using ASP.NET Core, React, and Azure App Services serving internal business users.
- Designed and deployed 10+ production REST APIs using ASP.NET Core, supporting internal business workflows and improving backend modularity
- Optimized SQL queries and indexing strategies, reducing average API response time by **25%**.
- Integrated secure authentication and role-based access control mechanisms across backend modules.
- Collaborated in Agile sprints, contributing to code reviews and Git-based version control workflows.

**Saral ERP Solutions Pvt Ltd.** | *Software Developer Trainee* Jun 2024 – Feb 2025

- Developed an e-commerce platform (“Universe”) using ASP.NET Web Forms and SQL Server, handling product listings, orders, and authentication.
- Enforced end-to-end order workflows and email automation, improving transaction flow efficiency.
- Integrated third-party APIs for payments and notifications.
- Designed normalized database schemas and executed **50+ complex SQL queries** for reporting and transaction modules.

**Chegg** | *Subject Matter Expert – Computer Science* May 2022 – Jan 2023

- Solved **300+ technical queries** related to MySQL, OOP, and Data Structures with high accuracy.
- Strengthened analytical and algorithmic problem-solving capabilities.

## PROJECTS

**The Auction House** | *React.js, ASP.NET Core Web APIs, SQL Server*

- Built a full-stack auction platform enabling real-time bidding logic and secure backend operations.
- Developed **8+ REST APIs** for user management, bidding workflows, and product listings.
- Executed relational data modeling with optimized indexing strategies in SQL Server.
- Wrote in-memory unit tests to validate core business logic modules.

**eSports Hub (MERN Stack)** | *MongoDB, Express.js, React.js, Node.js*

- Led a team of **5 developers** to build a full-stack eSports platform supporting match schedules, blog updates, and dynamic content.
- Primarily responsible for frontend architecture using React.js, building responsive UI components, and optimizing rendering performance.
- Collaborated with backend developers for REST API integration and MongoDB schema design.
- Integrated JWT-based authentication for secure session handling.
- Improved user engagement by **30%** through optimized component structuring and API consumption.

## EDUCATION

**KIET Group of Institutions, Ghaziabad**

*B.Tech – Information Technology*

2021 – 2024

CGPA: 8.2

**MMIT Siddharthnagar**

*Diploma – Computer Science & Engineering*

2018 – 2021

Percentage: 79.85

## CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900)
- GitHub Foundations & GitHub Copilot
- CISCO CCNA