

# Nikhil Kumar



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## Summary

Highly motivated and results-oriented Software Developer with 1+ years of professional field related experience in designing, developing, and implementing, unit-testing software solutions. Possesses strong proficiency in ASP.NET Core, Full Stack Development and a passion for creating user-friendly and efficient applications. Excellent communication skills to collaborate with cross-functional teams, and deliver projects on time.

## Professional Experience

HCL Tech	Lucknow, UP
Software Analyst	October 2023
<ul style="list-style-type: none"><li>Utilized .NET Core to build scalable and efficient backend services, accompanying Web API, enhancing application performance and reliability.</li><li>Developing and maintaining an appraisal system deployed on AWS Cloud to ensure scalability and reliability.</li><li>Leveraging SQL for database management and jQuery to enhance user interface interactions within the application.</li><li>Implemented command and control systems for backup software, including Commvault and Veeam.</li></ul>	

## Projects

### ASP.NET Core Project

- Custom Appraisal Workflow:** Built in ASP.NET Core with dynamic review cycles, self-reviews, and multi-level manager evaluations.
- Role-Based Access & Security:** Implemented secure authentication and authorization using Identity and role-based access control (RBAC) to handle HR, Managers, and Employees.
- Data Persistence:** Used Entity Framework Core with SQL Server for storing appraisal data reliably.
- Live Production Use:** Deployed and actively used by real users in a corporate environment.

### Django Project

- Library Management Tool:** Built in Drango framework self-reviews and multi-table management.
- Role-Based Access & Security:** Secure admin panel for category wise student distribution.
- Database Flexibility:** Easy migration with MySQL database and AWS Cloud usage.

## Training/Internship

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**Electrical Training Institute, Uttar Pradesh** Lucknow, UP

*Engineer Trainee* July 2022

- Investigated and build training module thesis over real-life working of UPLSDC.
- Conducted presentation based on investigation throughout process.

**Devsnest** Lucknow, UP

*Software Trainee* September 2022

- Developed library tools based .Net projects with MERN stack.
- Django based profile full-stack website.

**International Business Machines (IBM)** Lucknow, UP

*Cloud Trainee* September 2021

- Computed RDBMS based AWS, MySQL query picker for data collection and relative visualisation.
- Dispatched small scale data processing utility using Apache Hadoop.
- Big Data Analytics – Cloudera, HDFS, Hive, Pig, Sqoop.

## Education

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**Abdul Kalam Technical University**

Bachelors of Technology, Electronics and Communications August 2019 - July 2023

GPA 4.0

- 4 year – course graduate-level certificate in Technology, AKTU.
- Data Science Project: Machine Learning & AI (python based).
- IEEE Student Appreciation Award.
- Best Final Year Project: Home Automation Thesis.

## Technical Skills

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• Programming language	C#, C++, Java
• Web technology	ASP.NET Core, Web API Core
• Database	MySQL, SQL Server
• Client-side tools	JavaScript, Razor pages, AJAX
• DB connectivity tool	ADO.net, Entity Framework Core
• Cloud technology	AWS, Azure cloud fundamentals
• Machine Learning tools	Python/Django, LLM, NLP

## Certificate

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ASP.NET Core with Live Project January 2025

ITIL Foundation V4 January 2024

Agile and Scrum November 2023

UPLSDC Electrical Trainee Certificate August 2022