

Nikhil Kumar



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nik-2099.github.io/Portfolio/

Summary

Highly motivated and results-oriented Software Developer with 1.5 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
<i>Software Analyst</i>	October 2023
<ul style="list-style-type: none">Utilized .NET Core to build scalable and efficient backend services, accompanying Web API, enhancing application performance and reliability.Developing and maintaining an appraisal system deployed on AWS Cloud to ensure scalability and reliability.Leveraging SQL for database management and jQuery to enhance user interface interactions within the application.Implemented command and control systems for backup software, including Commvault and Veeam.	

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 Django 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

Electrical Training Institute, Uttar Pradesh	Lucknow, UP
<i>Engineer Trainee</i>	July 2022
<ul style="list-style-type: none">Investigated and build training module thesis over real-life working of UPSLDC.Conducted presentation based on investigation throughout process.	
Devsnest	Lucknow, UP
<i>Software Trainee</i>	September 2022
<ul style="list-style-type: none">Developed library tools based .Net projects with MERN stack.Django based profile full-stack website.	
International Business Machines (IBM)	Lucknow, UP
<i>Cloud Trainee</i>	September 2021
<ul style="list-style-type: none">Computed RDBMS based AWS, MySQL query picker for data collection and relative visualisation.Dispatched small scale data processing utility using Apace Hadoop.Big Data Analytics – Cloudera, HDFS, Hive, Pig, Sqoop.	

Education

Abdul Kalam Technical University	
Bachelors of Technology, Electronics and Communications	August 2019 - July 2023
GPA 4.0	
<ul style="list-style-type: none">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

• 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

ASP.NET Core with Live Project	January 2025
ITIL Foundation V4	January 2024
Agile and Scrum	November 2023
UPSLDC Electrical Trainee Certificate	August 2022