

# Anup Yadav

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## Professional Summary

I am a Software Engineer with 1 year of experience at Microsoft, where I've honed my skills in C/C++, Python, JavaScript, SQL, HTML, and CSS. I enjoy building and optimizing software solutions that are both efficient and user-friendly. My experience spans front-end and back-end development, database management, and debugging, and I'm passionate about creating systems that deliver real value. I thrive in collaborative, agile environments and take pride in solving complex problems while continuously learning and growing in my field.

## Education

### Greater Noida Institute of Technology

Bachelor of Technology in Computer Science

Aug. 202 – Jun 2025

Delhi ncr, Uttar Pradesh

**Coursework:** Data Structures & Algorithms, Computer Network, OOPS, Operating System, Software Engineering

### Maharaja Agrasen Polytechnic College

Diploma in Computer Science and Engineering

Aug. 2018 – Jun 2021

GB Nagar, Uttar Pradesh

## Experience

### ETL Software Engineer

Oct. 2023 – Present

Microsoft India(R&D) Pvt Ltd

Gurugram, India

- Developed and maintained scalable software applications, ensuring high performance and reliability.
- Designed and implemented front-end interfaces and back-end systems using technologies such as C/C++, Python, JavaScript, SQL, HTML, and CSS.
- Collaborated with cross-functional teams, including product managers and designers, to define and deliver project requirements and features.
- Optimized application performance by analyzing and resolving bottlenecks, reducing response times, and improving overall system efficiency.
- Conducted code reviews to ensure adherence to best practices, coding standards, and software quality guidelines.
- Created and managed databases to support application functionality, ensuring efficient data storage, retrieval, and processing.
- Developed reusable modules and frameworks to accelerate development processes and improve consistency across projects.
- Wrote unit and integration tests to ensure robustness and reliability of software components before deployment.
- Documented technical designs and solutions, enabling smooth knowledge transfer and onboarding for new team members.
- Diagnosed and resolved system issues, minimizing downtime and ensuring smooth operation for users.
- Collaborated in agile development environments, contributing to sprint planning, daily standups, and retrospective meetings.
- Researched and implemented emerging technologies to improve development processes and deliver innovative solutions.

## Projects

### E-Commerce Website / JavaScript, Express.js, Node.js, MongoDB, CSS

Oct. 2024 - Present

- Developed a dynamic eCommerce platform using React for front-end development and Node.js with Express for the back end, enabling users to browse products, manage their shopping cart, and complete secure transactions.
- Integrated payment processing via Stripe and implemented user authentication with JWT to manage secure logins, profile management, and order tracking.
- Designed and managed a MongoDB database for storing user data, product catalogs, and transaction history, ensuring smooth data retrieval and scalability.

### E-Learning Platform / React, Express.js, Node.js, MongoDB, CSS, JavaScript

Jun. 2024

- Developed an interactive e-learning platform using React for the front-end and Node.js/Express for the back-end, enabling students to access courses, track progress, and participate in quizzes and discussions.
- Implemented secure user authentication with JWT, integrated video streaming for lessons, and built a database using MongoDB to store user profiles, course content, and quiz results, ensuring seamless content delivery and management.

## Technical Skills

**Programming Language:** C/C++, Python, SQL JavaScript

**Web Technologies:** HTML, CSS, Bootstrap, React, Node.js

**Frameworks & Tools:** Django, Flask, .Net, Angular, Veu.js, Git, GitHub

**Databases:** Oracle, MySQL, MongoDB

**Operating Systems:** Windows, Linux

**Soft skill:** Collaboration, Teamwork, Critical Thinking, Communication

**Others:** Cloud Computing, Database Management System, Software Development Life Cycle.