Umang Sharma

Software Engineer | Full Stack Developer | .NET Backend Development

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SUMMARY

Software Engineer with hands-on experience in **full-stack web development**, frontend engineering, REST API integration, and database management. Experienced in **React.js, React Native, PHP, Laravel, Python, Flask, PostgreSQL,** and **MySQL** through internship and project work. Building backend development expertise in **C#, .NET, and ASP.NET Core**, with a focus on **RESTful APIs**, database connectivity, CRUD operations, and scalable web application development.

PROFESSIONAL EXPERIENCE

Software Engineer Intern 06/2026 – Present
Convexicon Software Solutions Gurugram,Haryana

- Developed and maintained backend functionality using **C# and ASP.NET Core** to support application workflows and business requirements.
- Designed and integrated **RESTful APIs** for CRUD operations and communication between frontend modules and backend services.
- Integrated **ASP.NET Core services with PostgreSQL** to support data storage, retrieval, and relational data operations.
- Implemented request handling, data validation, and API error handling to improve backend reliability.
- Integrated backend APIs with **React.js** and **React Native applications**, supporting data mapping and end-to-end application workflows.
- Tested API endpoints using **Postman**, debugged integration issues, and supported application testing and feature enhancements.

Full Stack Developer Intern 12/2025 – 05/2026
Gurukul Jyotish Anusandhan Kendra Jaipur,Rajasthan

- Developed and maintained a responsive web application using **PHP, Laravel, JavaScript, HTML, CSS, and PostgreSQL.**
- Implemented backend functionality, **REST APIs, CRUD** operations, and server-side validation.
- Worked with **PostgreSQL schemas, SQL queries, and relational data workflows.**
- Supported application deployment, debugging, maintenance, issue resolution, and feature enhancements.

Python Developer Intern 06/2024 – 07/2024
Compucom Software Limited Jaipur,Rajasthan

- Contributed to backend development of an Investment Decision Support System using Python and Flask.
- Established database connectivity between the Flask application and MySQL.
- Worked on backend functionality and database integration during the internship.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science 11/2022 – 05/2026
B.K. Birla Institute of Engineering and Technology Pilani,Rajasthan
CGPA: 8.58/10

SKILLS

Programming Languages
C#, JavaScript, Python, SQL, Java

Backend Development
.NET, ASP.NET Core, RESTful APIs, PHP, Laravel, Flask, CRUD Operations, Server-Side Validation

Database Management
PostgreSQL, MySQL, SQL Queries, Relational Database Concepts, Database Connectivity

Frontend Development
React.js, HTML5, CSS3, Bootstrap, Responsive Web Design, Reusable UI Components

Mobile App Development
React Native, React Native CLI, Mobile UI Development, API Integration

Tools & Development Practices
Git, GitHub, Postman, Visual Studio Code, API Testing, Debugging

CERTIFICATES

Google Data Analytics Certificate
Google / Coursera

Python 3.4.3
Spoken Tutorial, IIT Bombay

Programming in Python
SWAYAM (CEC)

Computer Networking
NPTEL

Java Programming
Spoken Tutorial, IIT Bombay

C and C++ Programming
Spoken Tutorial, IIT Bombay

Software Engineering
NPTEL

Object-Oriented Programming (OOP)
NPTEL

PROJECTS

Attendance Management System 06/2026 – Present
C#, ASP.NET Core, RESTful APIs, PostgreSQL, React.js
- Developing an attendance management platform covering employee, roster, shift, and attendance workflows.
- Building reusable **React.js** components and responsive interfaces for enterprise applications.
- Developing and integrating **RESTful APIs** for data retrieval, updates, and CRUD operations using **ASP.NET Core.**
- Working with **PostgreSQL** for data management and troubleshooting frontend and API integration issues.

Gurukul Jyotish Anusandhan Kendra – Web Application 12/2025 – 05/2026
PHP | Laravel | JavaScript | HTML5 | CSS3 | PostgreSQL
- Developed and maintained a responsive web application using **PHP, Laravel, JavaScript, HTML**, and **CSS.**
- Implemented backend functionality, **REST APIs, CRUD** operations, and server-side validation.
- Worked with **PostgreSQL** database schemas, queries, and relational data management.
- Supported application debugging, maintenance, issue resolution, and feature enhancements.

SARAS Voice Assistant 03/2024 – 03/2024
Python | Speech Recognition | Text-to-Speech
- Developed a **Python-based voice assistant** supporting web search, weather updates, and system automation.
- Integrated speech recognition and text-to-speech for voice-based interaction.
- Organized functionality into modular components to support maintainability.

AI-Powered Investment Decision Support System 06/2024 – 07/2024
Python | Flask | MySQL | Scikit-learn
- Contributed to backend development of an investment decision support application using **Python and Flask.**
- Established database connectivity between the Flask application and **MySQL.**
- Worked on backend functionality and database integration during the internship.
- The project was not completed during the internship period.

LANGUAGES

Hindi
Native or bilingual proficiency

English
Professional working proficiency