

Pankaj Kumar

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EXPERIENCE

Software Engineer | Amity University

July 2025 – Present

Noida, Uttar Pradesh

- Developed and maintained web APIs using ASP.NET Core, with React and Angular used for client-side development across different projects, and MSSQL for database management.
- Built and deployed the Admission Intranet, a portal used by Amity University admission staff to manage applications and admissions, reducing application verification time from 15 minutes to 10 minutes.
- Designed and developed a centralized Quality Monitoring System (QMS) used to evaluate admission counselors and generate performance rankings.
- Built the Student Admission Portal, a large-scale system comprising 50+ modules and process flows dynamically selected based on the variant chosen by each student.
- Reduced student application form-filling time from 20 minutes to 10 minutes by streamlining workflows and introducing DigiLocker integration for instant past-document verification.
- Implemented additional accessibility and usability features across the student portal to further speed up and simplify the application process.

Software Engineer | NextGen eSolutions Pvt Ltd

June 2024 – July 2025

A-8 Naimex House, Mathura Road, New Delhi, Delhi 110044

- Developed and maintained RESTful APIs using ASP.NET Core, ensuring efficient data communication between the frontend and backend.
- Integrated APIs with Angular applications, enabling dynamic, data-driven interfaces and enhancing user experiences.
- Designed and implemented SQL stored procedures to optimize database performance and streamline complex queries.
- Collaborated in the full software development lifecycle, from requirements gathering and architecture design to testing and deployment.
- Worked closely with frontend and backend teams to ensure seamless integration and functionality of web applications.
- Utilized best practices for version control, testing, and performance optimization in both API and database development.

Full Stack Developer | Deepnap Softech

April 2023 – June 2024

NIT 5, Faridabad, Haryana

- Developed and maintained web applications using the MERN stack, demonstrating proficiency in both front-end and backend technologies.
- Proficient in both front-end and back-end technologies, resulting in a 20% improvement in overall web application performance.
- Utilized Node.js and Express.js to construct resilient and scalable server-side APIs, facilitating seamless data exchange between front-end and back-end systems.
- Completed 5+ full-stack projects by crafting RESTful APIs that integrated Firebase and MongoDB, optimizing them for enhanced functionality and performance.
- Crafted React.js and Redux for state management, ensuring seamless data flow and improved user interaction.

SKILLS

Frontend: Next.js, React.js, Angular.js, Tailwind CSS, Redux.js, HTML, CSS, jQuery

Backend: Express.js, Node.js, REST APIs, ASP.NET Core

Database: MongoDB, MySQL, MSSQL

General: TypeScript, JavaScript

EDUCATION

Master's of Computer Application | Indira Gandhi National Open University July 2024 – July 2026

Bachelor's of Computer Application | Maharishi Dayanand University June 2020 – July 2023

STRENGTHS

Full Stack Development: Proficient in both front-end and back-end technologies, specializing in MERN stack and .NET/Angular development.

Database Management: Extensive knowledge in database management using MongoDB, MySQL, and MSSQL for efficient data organization and retrieval.