

SHASHANK CHAUHAN

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Software Engineer with hands-on experience building scalable backend and full-stack applications using .NET and MERN. Skilled in Java, C#, ASP.NET Core, Node.js, React, and RESTful APIs, with experience in JWT authentication, SQL Server, and MongoDB. Strong foundation in DSA, OOP, system design, and CI/CD, with exposure to Agile development practices.

TECHNICAL SKILLS

Backend: Java, C#, ASP.NET, MVC, .NET Core, Node.js, Express.js, REST APIs

Frontend: JavaScript (ES6+), React.js, HTML5, CSS3, Bootstrap, AJAX, jQuery

Databases: SQL Server, MongoDB, SQL Queries

Cloud & DevOps: Microsoft Azure, CI/CD Pipelines, Jenkins

Tools & Platforms: Visual Studio 2019/2022, Git, GitHub, VS Code

Methodologies: Agile, Scrum, SDLC

Computer Science Fundamentals: Data Structures & Algorithms, Object-Oriented Design, Problem Solving

EXPERIENCE

Full Stack .NET Internship | Mindtree Limited | Pune

March 2022 - June 2022

- Developed and enhanced 4–6 backend modules using C#, ASP.NET MVC, and SQL Server, improving application reliability and maintainability.
- Improved 6–8 REST APIs with validation and error handling, reducing runtime errors by 20%.
- Played a role in the establishment and upkeep of Jenkins CI/CD pipelines that led to a 40–50% reduction in manual deployment efforts and release stability enhancement.
- Conceived and carried out 15–20 unit and integration test cases, leading to higher code stability and a decrease in the number of issues arising after deployment.

PROJECTS

Hunger – Full-Stack Food Delivery App (MERN, Distributed Architecture)

- Designed user and admin interfaces using React.js, Redux, and Bootstrap with secure JWT-based auth.
- Built RESTful APIs with Node.js and Express.js and handled data operations via Mongoose + MongoDB.
- Tested endpoints using Thunder Client and deployed modular architecture for scalable performance.
- Implemented REST APIs, database modeling, and frontend-backend integration using a modular, Agile-based architecture.

Text-to-Image Generator App (MERN + ClipDrop's API)

- Built a full-stack image generation app using React.js, Node.js, and MongoDB with JWT auth.
- Integrated ClipDrop's API for real-time AI image generation via text prompts.
- Implemented credit-based access, admin approval flow, and protected routes using custom middleware.
- Built secure API workflows with JWT authentication, middleware, and scalable backend design.

E-Library Management System (ASP.NET, SQL Server)

- Developed web application using ASP.NET Web Forms, C#, and SQL Server for book and user management.
- Integrated AJAX, Bootstrap, and jQuery for a responsive and interactive user interface.
- Implemented stored procedures and ADO.NET to optimize transaction and query performance.
- Developed CRUD workflows using ASP.NET and SQL Server with optimized queries and OOP-based architecture.

EDUCATION

SRM Institute of Science and Technology

Modinagar, Uttar Pradesh

Master of Technology in Computer Science Engineering

August 2024 – Present

Meerut Institute of Engineering and Technology

Meerut, Uttar Pradesh

Bachelor of Technology in Electronics and Communications Engineering

August 2018 – June 2022