

SHASHANK CHAUHAN

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A versatile software developer with deep expertise in C/C++, Linux kernel internals, networking, and system-level programming. Has a track record of fixing very complicated bugs, optimizing performance, and producing neat, efficient, and scalable code. Has good grounding in operating system concepts, distributed systems, and software development using Git. Is capable of defect analysis, end-to-end problem solving, and liaising with other teams. Motivated to help leading engineering projects by leveraging his great systems understanding, good programming abilities, and love for the solving of difficult technical problems.

EDUCATION

SRM Institute of Science and Technology Master of Technology in Computer Science Engineering	Modinagar, Uttar Pradesh August 2024 - Present
Meerut Institute of Engineering and Technology Bachelor of Technology in Electronics and Communications Engineering	Meerut, Uttar Pradesh August 2018 - May 2022

EXPERIENCE

Software Engineer Intern Mindtree Limited Pune	March 2022 - June 2022
<ul style="list-style-type: none">Contributed to .NET MVC development using Visual Studio, focusing on backend logic and bug fixing.Automated deployments via Jenkins CI/CD, reducing release time by 50%, and wrote unit tests for API endpoints.Participated in Agile sprints, used Git for version control, and documented workflows with Swagger.	

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.

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

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

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.

TECHNICAL SKILLS

Languages: C, C++, C#, Java, JavaScript.

System Skills: Linux Networking, Linux Internals, Shell scripting, OS Fundamentals

Web Technologies: React.js, Node.js, Express.js, HTML5, CSS, ASP.NET.

Frameworks/Libraries: .NET Framework, Spring Boot, Bootstrap.

Developer Tools: Visual Studio, Git, Thunder, VS Code, Chrome DevTools.

Database: MongoDB, MySQL, SQL Server.

Concepts: Data Structures & Algorithms, Multithreading, Memory Management, REST APIs

Networking Knowledge: TCP/IP, UDP, Routing basics, Socket Programming.