

SHASHANK CHAUHAN

shashankchauhan1307@gmail.com | [LinkedIn](#) | [GitHub](#)

[HackerRank](#) | [Portfolio](#)

Ghaziabad, Uttar Pradesh, 201204 | 7302918587

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	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 - 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.