

Kamesh Tripathi

Kamesh Tripathi | kameshtripathi601@gmail.com | 8840398816 | [LinkedIn](#) | [Github](#)

SKILLS

- **Languages** : Java, C, C++, Python, JavaScript, TypeScript, PHP, SQL
- **Frameworks** : React.js, Express.js, Node.js, MongoDB, PostgreSQL, Next.js, TailWind CSS
- **CourseWork** : Algorithms Analysis, Operating System (OS), Data Structures, Networking, Database (DBMS), Software Engineering, System Design
- **Miscellaneous** : Linux, Shell (Bash/Zsh), Git, VsCode, Prompt Engineering

PROJECTS

Expense Management System [\[Live Demo\]](#) Aug 24' – Nov 24'

Tech Stack: Node.js, React.js, Express.js, MongoDB

- Developed a full-stack expense management platform enabling users to track expenses, categorize transactions, generate reports, and manage budgets.
- Integrated JWT-based authentication and role-based access control to ensure secure and personalized user experiences.
- Optimized backend APIs and processing logic, reducing load times by 25% and enhancing overall system performance.
- Enhanced user experience using React Hooks and responsive design, leading to a 30% increase in engagement.

User Management System [\[Live Demo\]](#)

Jan 24' – May 24'

Tech Stack: Node.js, React.js, Express.js, MongoDB

- Engineered a scalable MERN stack platform for user registration, login authentication, and profile management.
- Strengthened system security with bcrypt-based password encryption and rigorous input validation, reducing vulnerabilities by over 70%.
- Designed a modern, accessible UI with responsive layouts to streamline user interaction across devices.
- Improved uptime and system reliability by 30% through clean code practices and modular architecture.

ACHIEVEMENTS

- Completed **300+ coding challenges** on platforms including [LeetCode](#), [GeeksforGeeks](#) and [CodeStudio](#).
- Attained **5-star Java proficiency** on [HackerRank](#), demonstrating advanced skills in algorithms and OOP.
- Achieved an **English score of 693 (C1 level)** in English Core Skills Test on the British Council app

CERTIFICATIONS

Cloud Computing (NPTEL) [\[Link\]](#)

July 24' – Oct 24'

Gained foundational knowledge in cloud computing fundamentals, including architecture and service models.

JavaScript for Web Development (Board Infinity) [\[Link\]](#)

June 24' – July 24'

Learned core JavaScript concepts, ES6+, TypeScript, DOM manipulation, and asynchronous programming.

EDUCATION

Lovely Professional University

2022-2026

Bachelor of Technology in Computer Science and Engineering, CGPA - 8.10

Dr. Virendra Swaroop Education Centre, Panki, Kanpur (CBSE)

2020

Senior Secondary Schooling, PERCENTAGE - 96

Dr. Virendra Swaroop Education Centre, Panki, Kanpur (CBSE)

2018

Secondary Schooling, PERCENTAGE - 97.2