

SUMIT KUMAR

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EDUCATION

Chandigarh College of Engineering and Technology

2022 – 2026

Bachelor of Engineering in Computer Science and Engineering - **CGPA - 7.82**

Chandigarh, India

TECHNICAL SKILLS

- **Languages:** C++, JavaScript, HTML, CSS, PHP
- **Frameworks:** React.js, Node.js, MySQL, MongoDB, Bootstrap, TailwindCSS
- **Tools:** VS Code, Git/GitHub, Figma
- **Cloud:** AWS

COURSEWORK / SKILLS

- Operating Systems
- OOPS Concept
- Data Structures & Algorithms
- Database Management System (DBMS)
- Artificial Intelligence
- Web Development

PROJECTS

QuestionCraft (Examination System) 🔗 | Tech Stack: ReactJS, Node.js, MongoDB

- A web application for managing educational quizzes, enabling teachers to create and customize quizzes for their curriculum. It features real-time analytics for tracking student performance and targeted feedback, along with a centralized question bank and distributed database integration for consistent, accessible data.
- **Features:** Teacher dashboard, unique test codes, performance analytics.
- **Future Enhancements:** Mobile app, enhanced analytics, advanced security.

NoticeWebsite 🔗 | Tech Stack: PHP, MySQL, JavaScript, HTML, CSS, Bootstrap

- A platform for efficiently managing notices and e-tenders, equipped with secure user authentication. It allows administrators to post and organize information, while users can easily access and interact with notices, ensuring streamlined communication and transparency.
- **Features:** Secure login, admin panel for CRUD operations, advanced search.
- **Future Enhancements:** UI improvements, additional reporting features.

Blogify (Blog Post Creation and Management) 🔗 | Tech Stack: PHP, MySQL, JavaScript, HTML, CSS

- Web app for creating and managing blog content with user authentication.
- **Features:** Blog post management (create, view, delete), secure password storage.
- **Future Enhancements:** Enhanced user experience, tagging system, and social sharing options.

INTERNSHIP

Project: QuestionCraft (Examination System)

Intern under Dr. R.B. Patel

Chandigarh, India

- Assisted in the development and testing of the QuestionCraft web application, focusing on features such as exam management and performance tracking.
- Learned and applied concepts of distributed database systems to enhance data management and scalability.
- Collaborated with Dr. Patel to gather feedback and improve user experience for both teachers and students.
- Participated in coding sessions, contributing to the frontend development using ReactJS.
- Conducted user testing to identify areas for improvement and ensure a seamless interface.

EXTRACURRICULAR

Personal Interests and Activities

- Actively participated in various coding competitions and hackathons, enhancing problem-solving skills and teamwork.
- Engaged in regular fitness activities, including gym workouts and sports, promoting physical well-being.
- Completed over 300 questions on online platforms, strengthening problem-solving skills in programming.
- Contributed a chapter on cybersecurity in space operations, addressing challenges and solutions for safeguarding satellite systems.
- Selected as a member of the college website team, contributing to the design and development of the official college website.