SUJIT KUMAR

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Education

Chhatrapati Shahu Ji Maharaj University   **2021 - 2025**
B.Tech in Computer Science & Engineering   *GPA:6.8/10 (till 6th sem)*

Work Experience

Full-Stack Developer Intern — NextJS, NodeJS, Tailwind CSS, MongoDB   **Nov 2024 – Present**
Projectile45

- Developed a robust and scalable full-stack web application for the EdTech startup Projectile45, delivering seamless user experiences and efficient functionality.
- Designed and implemented responsive user interfaces using Next.js and integrated secure, scalable back-end APIs with Node.js and MongoDB.

Projects

ChatApp — React, Node, Express, MongoDB, Socket.io   **GitHub Live Link**

- **Enhanced User Communication:** Implemented real-time messaging, notifications, and user authentication to facilitate seamless interaction among users.
- **User and Group Management:** Enabled features for creating and managing groups, searching for friends, sending requests, and deleting chats.
- **Rich Media Support:** Integrated functionalities for sending files, videos, and images, ensuring robust multimedia communication.
- **Admin Dashboard and Deployment:** Designed an admin dashboard for overseeing messages, chats, and users, ensuring full responsiveness across all devices and successfully deployed the project.

Pathfinding-visualizer — React, Typescript, TailwindCSS.   **GitHub Live Link**

- ∗ **Interactive Pathfinding Visualizer:** Utilized exploration algorithms (BFS, DFS, Dijkstra, A-star) to optimize pathfinding in complex data structures.
- ∗ **Maze Generation:** Integrated with Binary Tree and Recursive Division algorithms for generating mazes, with optimized performance.

Clash — NextJS, Typescript, TailwindCSS, Express, Socket.io, Prisma, Postgresql.   **GitHub**

- ∗ **Integrated Gmail-Based Authentication:** Developed a secure login and registration system using Gmail integration, allowing seamless user access and ensuring secure authentication processes.
- ∗ **Optimized Real-Time Interactions:** Leveraged Redis for efficient queuing and real-time data processing, enabling smooth and responsive features like real-time voting and commenting within the app.
- ∗ **Created an Interactive Clash Dashboard:** Built a dashboard for image-based comparisons, featuring user voting and commenting functionalities to boost engagement and interaction.

Algorithmic Competitions/Achievements

- Ranked **1494th** out of 42,000+ candidates in Codekaze 2023, India's largest hiring challenge by Coding Ninjas.
- Secured Global **38th** rank out of 4600+ in Codechef Contest Starters 128 in Division 3.
- Secured Global **54th** rank out of 19600+ in Coding Ninjas Weekly Coding Contest- 117.
- Secured Global **1827th** rank out of 38000+ in Leetcode Biweekly contest-134.
- Secured Global **446th** rank out of 4500+ in GFG Weekly Coding Contest- 142.
- **10+ projects** made from scratch,**4+ deploy** projects and **1000+** programming questions solved on different CP platforms.
- Achieved **3-star** on **CodeChef**, **4-star** on **GeeksforGeeks**, and **1818** rating on **LeetCode**.

Technical Skills

Languages: C, C++, Java, JavaScript, Python, HTML/CSS.
Technologies: ReactJS, NextJS, NodeJS, Express, Bootstrap, Tailwind CSS, Typescript, Rest APIs, SQL, MySQL, MongoDB.
Tools : Git and GitHub, Postman, Linux,Shell, Figma, Material UI, AWS, Docker, Kubernetes, Gitlab, Terraform.

Additional

Personalize site : Portfolio
Competitive Site : Leetcode GFG Codechef Coding Ninjas
Course Certificate: 1. Complete Web Development Boot-camp [Certificate] 2. Introduction to Cloud Computing [Certificate] 3. AWS [Certificate]