

# Sushant Kumar

[LinkedIn](#) | [GitHub](#) | [DSA](#) | [skrajsushant698@gmail.com](mailto:skrajsushant698@gmail.com) | 9693060488

## Summary

- Aspiring software developer with a strong foundation in OOPS, Data Structures, Algorithms, OS, DBMS, SQL.
- Seeking to leverage skills in modern web technologies like Node.js, React.js, and JavaScript to build scalable, impactful software solutions.

## Education

### VIT Bhopal University

Bachelor of Technology, Computer Science and Engineering; CGPA: 8.05

Bhopal, India

2022 - 2026

## Skills

- Programming Languages:** JavaScript, Python, TypeScript, C++
- Web Technologies:** HTML, React.js, Next.js, Node.js, TailwindCSS
- Cloud & DevOps:** AWS, Git, GitHub Actions
- Databases:** PostgreSQL, MongoDB, Redis

## Professional Experience

### Synapse Technologies

July 2024 - December 2024

- Delivered three production-ready web applications with PostgreSQL-backed APIs, resulting in 25% faster load times via code-splitting.
- Designed a real estate platform with advanced database indexing, reducing query response time from 2.1s to 750ms and enhancing user search experience.
- Devised a crypto gaming platform with WebSocket integration, enabling real-time multiplayer functionality for 1,000+ concurrent users.
- Streamlined CI/CD pipelines with GitHub Actions for automated deployments on AWS, maintaining 99.5% production uptime.

## Projects

### JOB SEARCH WEB APPLICATION | Full Stack

- Built a job search app using Node.js, Express, React, and MySQL, engineering RESTful APIs for authentication, job postings, and applications.
- Secured user accounts with bcrypt encryption and normalized MySQL tables to 3NF, reducing credential leakage risks by 80% and redundancy by 35%.
- Designed a responsive React frontend with category filters for 500+ postings, integrating session handling to reduce unauthorized access attempts by 95%.
- Implemented full CRUD operations and deployed the backend on Railway with 99.9% uptime, using modular development to improve maintainability by 40%.

### SBMERN E-COMMERCE WEBSITE | Full Stack

- Developed a MERN stack e-commerce platform with multi-role (buyer/seller) functionality, handling over 1,000 concurrent product views.
- Created buyer features (cart, wishlist, checkout) and seller dashboards (product CRUD) with response times under 200ms.
- Established secure authentication using JWT tokens, lowering session hijack risks by 90%, and automated order confirmation emails with 100% delivery success.
- Built 15+ RESTful API endpoints and organized the backend with modular routes, enabling 45% faster debugging and scalability.

## Leadership and Responsibilities

### MOZILLA FIREFOX CLUB | Web Development Team

- Spearheaded the design and development of the club's official website, driving a 30% increase in member engagement, and launched an event platform to simplify registrations and improve accessibility.