

Angad Singh

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PROFESSIONAL SUMMARY

Results-driven Software Development Engineer (SDE) candidate pursuing a B.Tech in Computer Science and Engineering (Core) at VIT Bhopal University. Adept at Data Structures and Algorithms (DSA), Full-Stack Web Development, and DevOps with expertise in AWS, Docker, Kubernetes, and Cloud Infrastructure. Passionate about designing scalable, high-performance applications and deploying robust software solutions that enhance user experience. Seeking an SDE role to leverage technical expertise, problem-solving skills, and innovation-driven mindset to contribute to cutting-edge software projects in a fast-paced environment.

EDUCATION

VIT Bhopal University 2022 – 2026	B.Tech in CSE Core	CGPA: 8.85
New Horizon Scholar's School 2022	Higher Secondary Examination	Percentage: 78.2%
Podar International School 2020	Secondary Examination	Percentage: 87%

TECHNICAL SKILLS

Programming Languages : C, C++, Java, Python, SQL (MySQL, PostgreSQL), JavaScript, TypeScript, HTML, CSS
Database : SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
Devops and Cloud Computing : AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes

AWARDS AND CERTIFICATIONS

- Achieved 5 Star rating in C++, Java, and 3 stars in Python from HackerRank.
- Solved more than 350 Data Structure and Algorithm-related problems across different platforms in C++.
- AWS CLF-C02 Certified Cloud Practitioner.

PROJECTS

- C3V** | *Next.js, Supabase, PostgreSQL, Prisma, Stripe, JavaScript, HTML, CSS* Nov 2023
- Engineered a high-performance e-commerce platform, facilitating secure and seamless transactions for users.
 - Offers a robust and secure environment for transactions, ensuring a smooth and efficient user experience for all participants.
 - Implemented a responsive UI/UX, optimizing mobile and desktop accessibility, resulting in 20% higher engagement rates.
- NoteNest** | *HTML, CSS, JavaScript, PHP, MySQL* July 2023
- Developed a cloud-based platform for centralizing teacher notes and study materials, allowing students to access over 1,000 notes and previous years' question papers (PYQ) across 20 different subjects and branches.
 - Enabled 50+ teachers to upload and manage their notes efficiently
 - The platform provides a streamlined interface for easy navigation and access to resources

EXPERIENCE

- SIH 2024 (Smart India Hackathon)**
- Team Avinya ranked among the top 40 teams out of over 200 teams who cleared the college round finals for SIH 2024.
 - Worked on Problem Statement 1620, focusing on optimizing OPD queuing models, bed availability, and patient admissions.
- Bashcraft Club** | *Vice-President* August 2024 –Present
- Spearheaded strategic planning and execution of technical events; organized ideathons with 300+ participants, fostering innovation and collaboration.
 - Managed 15+ members and coordinated Web Development workshops, improving coding proficiency for 200+ students.

CERTIFICATES AND TRAINING

Bits and Bytes of Computer Networking (Coursera) : 2023
Cloud Computing (NPTEL) : 2024
AWS CLF-C02 (AWS) : 2024