

PROFESSIONAL SUMMARY

Computer Science undergraduate (B.Tech, May 2026) with strong problem-solving skills—400+ LeetCode questions and 5-star Python on HackerRank. Experienced in backend development using Node.js, Python, and C++. Skilled in building scalable systems, optimizing performance, and solving real-world challenges through clean, efficient code.

EDUCATION

- B.Tech, Computer Science and Engineering** CGPA: 8.46
Galgotias University, Greater Noida, Uttar Pradesh, India
Expected Graduation: 2026
 - High School Diploma (Science)** Percentage: 89%
Vidya Mandir Public School, Faridabad, India
Year: 2022
 - Secondary School** Percentage: 89.6%
Vidya Mandir Public School, Faridabad, India
Year: 2020

TECHNICAL SKILLS

Languages: C++, Python, JavaScript

Machine Learning: Scikit-learn, Pandas, NumPy

Cloud: AWS (S3, EC2, Lambda)

Communication: Verbal/Written, Team Collaboration

Databases: MySQL, MongoDB, SQLite

Web Development: MERN Stack, Express.js, React.js

Version Control: Git, GitHub

EXPERIENCE

- Sofgen Computer Consultants, Intern** 1-Month Internship (Jul–Aug 2024)
Aim: Improve database reliability and performance.
Detail: Developed and automated database scripts using Python; focused on maintenance and error-handling workflows. Indexed critical tables to improve query efficiency.
Outcome: Reduced system downtime by 30% and improved SQL query execution time by 40%.
 - Steez Pvt Ltd., Freelancer** (Aug–Oct 2024)
Aim: Enhance front-end responsiveness and deploy scalable cloud infrastructure.
Detail: Optimized a Flask-based web application using front-end best practices and lazy loading. Integrated AWS S3 for static storage and configured EC2 for backend hosting.
Outcome: Achieved a 25% improvement in page load speed and increased deployment efficiency on AWS.

PROJECTS

- Real-Time Chat App** [Real-Time-Chat](#) (Nov–Dec 2024)
Aim: Build a secure, low-latency real-time messaging platform.
Detail: Developed using Node.js, Socket.IO, and JWT authentication to ensure secure communication. Focused on optimizing WebSocket connections and backend efficiency.
Outcome: Reduced WebSocket latency by 40% and improved login security using JWT encryption.
 - Diabetes Checker** [Diabetes-Checker](#) (Oct–Nov 2023)
Aim: Build a machine learning web app to predict diabetes risk from user input data.
Detail: Achieved 96.4% accuracy using Scikit-learn, Pandas, and NumPy. Developed with Quart (Python), SQLite, and Hypercorn. Integrated an interactive UI for user input and deployed the app on AWS.
Outcome: Delivered a scalable ML-based web app capable of accurate real-time predictions, hosted in a cloud environment.
 - Steez Web Platform** [steez](#) (Aug–May 2024)
Aim: Build and deploy a scalable e-commerce web platform.
Detail: Developed a responsive UI using Flask and Bootstrap. Integrated AWS EC2 for backend hosting and AWS S3 for static content management.
Outcome: Improved backend performance by 25% and deployed a scalable, cloud-based infrastructure.

CERTIFICATIONS

- SQL – Oracle Academy** - Completed a SQL certification, developing expertise in database design, querying, and data analysis.
- Web Development – EduSkills** - Completed a Web Development certification, covering HTML, CSS, JavaScript, and responsive design principles.

ACHIEVEMENTS

- Solved over 400 questions on LeetCode, demonstrating strong problem-solving and algorithmic skills.
- Earned 5 stars in Python on HackerRank, showcasing proficiency in the language.