



KUSHAGRA SHARMA

Bareilly, IN 243002
kushagrasharm1@gmail.com
7465063765

Highly motivated and versatile engineering student with a proven record of excellence in robotics, competitive coding, software development, and cybersecurity. Award-winning creator of a human-following robot and accomplished problem solver with multiple top prizes in prestigious college technical events like Techvyom and Zest. Skilled in programming languages including C++ and Python, with solid experience in web development, data structures, algorithms, and agile software engineering practices. Completed industry-relevant virtual experience programs with Mastercard, Electronic Arts, AWS, and hands-on workshops in generative AI and cybersecurity. Strong analytical thinking, quick learning ability, and teamwork skills, ready to contribute effectively to challenging projects in software development or cybersecurity internships.

PROFESSIONAL EXPERIENCE

Intern

AWS APAC SOLUTIONS ARCHITECTURE HELD BY FORAGE, Remote | April 2025 - April 2025

- Optimized customer experience by delivering superior services and effectively troubleshooting issues.
- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

Intern

TATA DATA VISUALIZATION ORGANIZED BY FORAGE, Remote | April 2025 - April 2025

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

Intern

MASTERCARD CYBERSECURITY HELD BY FORAGE, Remote | March 2025 - March 2025

- Sorted and organized files, spreadsheets, and reports.
- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those

SKILLS

- Spreadsheet tracking
- Recordkeeping
- Mail distribution
- Scheduling
- Proficient in web development (HTML, CSS, JavaScript, and frameworks like React or Bootstrap)
- Strong understanding of data structures and algorithms (DSA)
- Practical experience with machine learning concepts and tools
- Knowledge of cybersecurity fundamentals and threat detection
- Exposure to generative AI concepts through workshops attended in Delhi
- Hands-on experience with Python, or Java (depending on your comfort level – let me know and I'll tailor this)
- Able to design and implement object-oriented solutions
- Basic understanding of cloud services (AWS) through virtual experience programs
- Strong problem-solving and debugging skills

EDUCATION

**BACHELOR OF TECHNOLOGY in
COMPUTER SCIENCE**

teams

Intern

ELECTRONIC ARTS SOFTWARE ENGG HELD BY FORAGE | February 2025 - February 2025

- Proposed a new feature for EA Sports College Football and wrote a feature proposal to communicate it to stakeholders.
- Designed a class diagram and created a C++ header file with class definitions for each object.
- Patched a bug and optimized the EA Sports College Football codebase by implementing an improved data structure.

CERTIFICATIONS

- Mastercard Cybersecurity Virtual Experience Program (Forage)
- AWS APAC Solutions Architecture Virtual Experience Program (Forage)
- Electronic Arts Software Engineering Virtual Experience Program (Forage)
- Tata Data Visualization: Empowering Business with Effective Insights Job Simulation (Forage) – April 2025
- Generative AI Workshop, IIT Delhi
- Career Essentials in Software Development, Microsoft & LinkedIn
- Machine Learning Course
- Cybersecurity Course

LANGUAGES

- JAVA - Intermediate (B1)
- C - Intermediate (B1)
- PYTHON - Intermediate (B1)
- HTML CSS JS - Intermediate (B1)

SOFTWARE

- Developed a Resume Builder Website in second year that dynamically integrates user input in real-time to create professional resumes efficiently.
- Created a Placement Management System in third year that allows students to view upcoming placement opportunities and enables the placement team to manage and update placement information seamlessly.

SRMS CET, BAREILLY | Expected in July 2026

- 6.4 SGPA UNTIL 5TH SEM
- 1ST PRIZE – HUMAN FOLLOWING ROBOT, TECHVYOM 2023 (COLLEGE TECHNICAL FEST)**
DEVELOPED AND DEMONSTRATED A HUMAN-FOLLOWING ROBOT.
AWARDED ₹3000 CASH PRIZE AND A TROPHY.
- 2ND PRIZE – SHERLOCK HOLMES EVENT, TECHVYOM 2023**
RECOGNIZED FOR PROBLEM-SOLVING AND ANALYTICAL THINKING IN A TECHNICAL MYSTERY-SOLVING COMPETITION. RECEIVED A TROPHY.
- 1ST PRIZE – BATTLE OF BANDS, ZEST 2024 (COLLEGE CULTURAL FEST)**
PERFORMED AS THE BASS GUITARIST IN THE WINNING BAND.
- 2ND PRIZE – CODE HUNT, TECHVYOM 2025**
EXCELLED IN A COMPETITIVE CODING CHALLENGE AMONG COLLEGE PARTICIPANTS.
- 3RD PRIZE – CLONE THE WEB, TECHVYOM 2024**
SUCCESSFULLY REPLICATED WEB DESIGNS UNDER TIME CONSTRAINTS USING MODERN FRONT-END TECHNOLOGIES.
- Member of MUSIC CLUB, 2025 to 2026
AS SECRETARY

INTERMEDIATE

HARTMANN COLLEGE, BAREILLY | July 2022

- Final Grade: 83%

HIGH SCHOOL

HARTMANN COLLEGE, BAREILLY | July 2020

- Final Grade: 82%

PERSONAL DETAILS

Date of Birth: 22/11/2004

Nationality: INDIAN

Marital Status: Single