Prakriti Chandel
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Education

VIT Bhopal University	Bhopal, Madhya Pradesh
B.Tech in Computer Science Engineering	2022-2026

Cumulative GPA: 8.26/10

12th Standard

Guru Nanak Khalsa Senior Secondary School	Chandigarh
CBSE Cumulative GPA: 9.2/10	March 2022

10th Standard

Sacred Heart Senior Secondary School	Chandigarh
CBSE Cumulative GPA: 9.5/10	March 2020

Projects

Face recognition and smart Attendance system   Sept 2023 - Oct 2023
- The Face Recognition and Smart Attendance System project was a collaborative effort involving a team of 5 members, with my designated role as a coder.
- Utilizing the advanced capabilities of OpenCV in Python, we successfully developed a sophisticated attendance management system. The key feature of this system was the incorporation of facial recognition technology, which played a pivotal role in accurately identifying and recording individuals.

Helmet and Number Plate Detection System   Feb 2024 - May 2024
- Developed a helmet and number plate detection system using YOLO V3 to address traffic management challenges in India's densely populated streets.
- Led a team of 5 members, overseeing documentation, front-end development and driving the machine learning aspects of the project.

Experience

Frontend Developer Intern | NironTech   Nov 2024 – Jan 2025
- Developed responsive web features using HTML, CSS, JavaScript, and React, improving user experience across devices and optimizing performance by reducing page load times by 20% through image compression, lazy loading, and code splitting.
- Streamlined UI development using Material UI and Prime React, cutting development time by 25%, and improved front-end performance.
- Ensured cross-browser compatibility, implemented responsive design principles, and collaborated in agile sprints to integrate APIs and deliver features on time.

Campus Ambassador, GSSoC'24 Extended (Girl Script Summer of Code)   Sept 2024 – Nov 2024
- GSSoC is an open-source program that empowers young women and non-binary individuals to contribute to open-source projects and gain valuable experience. Promoted GSSoC'24 within the university and across social media platforms, increasing student awareness by 30%.
- Coordinated communication with over 500 students, ensuring they were well-informed about deadlines, guidelines, and program opportunities, while providing mentorship and support throughout the application process.
- Successfully recruited 15+ new contributors, guiding them through the GSSoC application process and offering ongoing support as they contributed to open-source projects.

Extracurricular

- Solved 100+ problems of C++ and Java with global rating 523,219 on Leet Code
- Qualified TCS CodeVita season 11 Round 1 (8 Dec 2023 – 9 Dec 2023)
- American Express Makeathon 2024 (3 Apr 2024)
- GFG Adobe Hackathon (19 Aug 2024)

Ongoing

- Web application that promotes local businesses, offers digital marketing tools and connecting them with customers
- Udemy Certification on Complete Web Development by Angela Yu

Additional

Technical Skills:
Languages: C++, C, Java, Python, JavaScript, PHP, SQL, HTML, CSS
Frameworks: React, ExpressJS, NodeJS, Bootstrap, YOLO v3 algorithm
Tech Stack: Data Structure and Algorithms (C++ and Java), Artificial Intelligence, Machine Learning, Web Development, AWS, API handling, Knowledge of different operating systems (Linux, Windows, MacOS), Familiar with TCP/IP and networking programming
Languages: Fluent in Hindi and English, Conversational Proficiency in Punjabi
Certifications & Training: MATLAB Onramp, SIMULINK
Linked Learning Introduction to Web Design and Development, HTML Essential Training, C Essential Training, C++ Essential Training
Vityarthi Python Essential Training
Udemy Learning C++ beginner to advance
Coursera The Bits and Bytes of Computer Networking
Oracle certification for Java explorer
Strength: Ability to fix, extend, scale code to keep it working, hardworking, great communication skills