

Vinay Singh Thapa

Adaptable | Strong Work Ethic | Creative

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Career Objective

I aim to secure a challenging and impactful career opportunity within the development domain, leveraging my skills and expertise to drive innovation, enhance processes and contribute to the growth and success of the organization I serve.

Academic Details

Year(s)	Qualification – Degree	Board/University	Percentage / CGPA
2021-2024	B. Tech in Computer Science Engineering - Specialization in AIML	UPES, Dehradun	8.73/10 (*Till end of Vth semester)
2019-2020	XII	CBSE	91%
2017-2018	X	CBSE	94 %
Technical Skills		Languages: C/C++, Python, Java, HTML, JavaScript Technologies: React.js, Angular, Express.js, Node.js, React Native, MongoDB, MySQL, Tailwind CSS, Flask	

Internship

Organization: Ivy Herbals

Nov 2023 - Dec 2023

Position: Junior Developer

- Formalized an innovative Inventory Management Web Application using React, resulting in a remarkable reduction in overall workload of the company.
- Leveraged Firebase to design and implement robust backend functionalities, ensuring seamless data storage, retrieval, and real-time updates for enhanced user experience.
- Collaborated closely with the team to gather requirements, troubleshoot issues, and iteratively improve application performance, resulting in an efficient and user-friendly interface.

Organization: Code Clause

June 2023 - July 2023

Position: Web Development Intern

- Engineered a web application leveraging React, empowering users to effortlessly upload images and seamlessly remove backgrounds through integration with an external API.
- Utilized OpenCV library for accurate face detection and recognition, enabling automatic attendance recording based on recognized faces.

Projects

Graph Path Guru

- Developed a comprehensive shortest path visualizer capable of illustrating 10 distinct algorithms, enhancing user's understanding of various path finding techniques.
- Designed an intuitive and user-friendly interface using React, allowing users to create, modify, and visualize complex graphs effortlessly.
- Integra Innovated an educational resource catering to students, researchers, and enthusiasts, providing a hands-on approach to grasp intricate concepts in graph theory and pathfinding algorithms.

Face Detection Attendance System

- Implemented a feature to detect faces in images captured from a camera or uploaded by users.
- Developed functionality to mark attendance based on detected faces and store the data securely in Firebase.

Accomplishment And Recognition

Certifications:

- Problem Solving Certificate (Hacker Rank)
- Python Certificate (Hacker Rank)
- Introduction to DevOps (Coursera)
- AWS Technical Essentials (Coursera)
- Neo4j fundamentals (Neo4j)

Position Of Responsibility:

- Technical Lead of UPES IET & UPES NBSP Community.
- Student Developer in UPES OPEN Community.

Achievements:

- Secured Second position in OSoc'23.
- Pupil in Code Forces and solved 500+ questions in LeetCode.
- Ranked Top 5 in academics in 1st year.