

Anushka Singh

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EDUCATION

B. Tech (Computer Science and Engineering)

Vellore Institute of Technology • Bhopal • August 2022 - Present • 8.58

Class XII

S.R Public School, CBSE • Kota, Rajasthan • July 2021 • 82.6%

Class X

St. Aloysius College, CBSE • Pilibhit, Uttar Pradesh • May 2019 • 90%

SKILLS

- **Languages:** Java, C++, JavaScript, MySQL
- **Web Technologies:** React and NextJS, Framework, HTML, Tailwind CSS, Node.js
- **Tools & Platforms:** DBMS, Git hub, NodeJS
- **Fluent in English, Hindi;**

EXPERIENCE

Internship

STARTUP MATRIC

JAN 2025 - ONGOING

- Working as a frontend developer, building a responsive interface with React.js, Tailwind CSS, and Material-UI, integrating APIs with Axios and Fetch API.
- Developing Login/Signup dashboards, messaging, and community pages while ensuring real-time updates, state management with Redux, and version control with Git/GitHub.

PROJECTS

HEALTHNEST: Healthcare site

Full Stack Web Development • October 2023 - March 2024

- Developed a healthcare platform using React.js, Node.js, Express.js, and MongoDB, designed specifically for college students to access affordable medical consultations.
- Built separate dashboards for patients, doctors, and administrators, ensuring seamless operations. Students can easily book appointments and receive expert consultations on various health concerns at a minimal cost.
- Streamlined the appointment process, enhanced user engagement, and provided real-time access to medical records while ensuring secure authentication and data privacy.

Lung Cancer Prediction Site

AI/ML • September 2024 -November 2024

- Engineered a user-friendly platform by integrating **HTML, CSS, and JavaScript** with **Flask**, enhancing response times and streamlining workflows through efficient data retrieval mechanisms, improving overall user engagement.
- Developed a **neural network-based model** that processes user inputs and predicts low, Medium, or High-risk levels, providing accurate and insightful assessments.

CERTIFICATIONS

Full Stack Web Developers- Udemy, by Angela Yuu

Bits and Bytes - Bits and Bytes

NPTEL- Cloud Computing (elite)

Machine Learning A-Z- Udemy by Kirill Eremenko

CODING

- **LeetCode:** Solved 100+ problems, demonstrating proficiency in JAVA & maintained a streak.
- **Hacker Rank:** Achieved 5-star Java proficiency highlighting advanced coding skills and foundational database knowledge.

EXTRACURRICULAR ACTIVITIES

Achievements

- **Research:** Currently developing a research paper on a lung cancer prediction model that integrates advanced machine learning algorithms with 3D visualization techniques to improve predictive accuracy and user interaction.
- **Hackathons:** Secured 20th place out of 1,000 teams in the NASA App Space Hackathon, showcasing strong problem-solving skills and innovative thinking in a high-stakes environment.
- **Technical Community:** Contributed to the **E-Cell Technical Team**, developing and managing event websites to enhance engagement and streamline event participation.
- **Open Source:** Contributed to various open-source projects, enhancing code quality and functionality through feature development and global collaboration.
- **NPTEL Certification:** Earned an NPTEL certification in Cloud Computing with a score of 69% (Elite), highlighting advanced knowledge and skills in cloud technologies.

ADDITIONAL INFORMATION

Responsibilities

- Managed different events as part of the technical team.
- PR & Outreach Core Team Member - 10+ Sponsorships, Promotional Strategies, Design, Event Management
- Represented my team as the lead in various hackathons.