

# Anushka Singh

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## EDUCATION

### B. Tech (Computer Science and Engineering)

Vellore Institute of Technology • Bhopal • August 2022 - Present • 8.68

### Class XII

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

### Class X

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

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## SKILLS

- **Programming:** Java, Python, JavaScript, SQL
- **Web Technologies:** React.js, Node.js, Express.js
- **Data Analytics:** Data Cleaning, EDA, Data Validation, Power BI, Excel, Google Data Analytics
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud Technologies & Tools:** AWS (S3, EC2, IAM), Jupyter Notebook, API Integration, Git/GitHub
- **Soft Skills:** Problem-Solving, Analytical Thinking, Communication, Collaboration, Agile Mindset

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## EXPERIENCE

### Frontend Developer Intern | Startup Matrix

JAN 2025 – MAR 2025

- Worked as a frontend developer, building responsive UIs with React.js, Tailwind CSS, and Material-UI.
- Integrated APIs using Axios and Fetch API; developed Login/Signup dashboards, messaging, and community pages.
- Implemented state management with Redux and version control using Git/GitHub.

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## PROJECTS

### Customer Churn Prediction – Data Analytics & Machine Learning

Aug 2025 – Sep 2025

- Performed end-to-end data analysis on 10,000+ telecom customer records, identifying key churn drivers through EDA and statistical insights.
- Built and evaluated predictive models (Logistic Regression & Random Forest), achieving **82% accuracy** in forecasting customer churn.
- Designed a Power BI dashboard and provided actionable insights to help reduce churn by **15–20%** through targeted retention strategies.

### Blinkit Sales Analytics Dashboard | SQL + Power BI

Mar 2025 – Jun 2025

- Developed 10+ SQL queries for data cleaning and aggregation, preparing accurate datasets for analysis.
- Built a Power BI dashboard with 6 visuals covering revenue, orders, and delivery metrics to monitor performance.
- Analysed 5,000+ transaction records, identifying sales trends and improving reporting efficiency for stakeholders.
- Automated weekly sales reports, reducing manual effort by 25% and ensuring timely insights delivery

### HealthNest – Healthcare Platform (MERN + REST APIs)

Oct 2023 – Mar 2024

- Developed secure multi-role dashboards and integrated data visualisation for patients, doctors, and admins.
- Built REST APIs for appointment booking, communication, and module-to-module data flow.
- Designed scalable workflows supporting 50+ users and enhancing overall system reliability.

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## CERTIFICATIONS

- Google Data Analytics Professional Certificate
- IBM – Agile, and Design Thinking
- SmartBridge – Full Stack Web Development (MongoDB)

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## ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Currently developing a research paper on a lung cancer prediction model that integrates machine learning algorithms with 3D visualisation to enhance prediction accuracy and user engagement.
- Served as Co-Lead of the PR and Outreach team at VITBMUN; secured multiple sponsorships and coordinated 6+ high-impact events attended by 200+ participants.
- Contributed as a Technical Member of the E-Cell team, building and managing event-related technical systems to improve registration, scheduling, and feedback workflows.
- Participated in **Meta Hacker Cup 2025**, securing a global rank of **3,894<sup>th</sup>**
- Achieved 1st place in an essay competition during National Mathematics Week; recognised for clarity of argument and originality.

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## HOBBIES & INTERESTS

- Writing essays, reports, and journals, combining creativity with structured expression.
- Participating in coding challenges and hackathons to explore new technologies and build practical solutions.
- Engaging in public speaking through active involvement in Model United Nations (MUNs).
- Trained in choir singing and enjoy playing musical instruments as a form of creative expression.