

# Ayush Kumar Jha

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[LinkedIn](#) [GitHub](#)

## EDUCATION

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

Vellore Institute of Technology • Bhopal • AUG 2022 - Present • 8.50

### Class XII

Brighton International School • Raipur, Chhattisgarh • JUL 2021 • 74.6%

### Class X

Brighton International School • Raipur, Chhattisgarh • MAY 2019 • 83.6%

## SKILLS

- **Languages:** Java, JavaScript, MySQL, Python
- **Databases:** MySQL
- **Web Technologies:** React.js, Node.js, HTML5, CSS, Tailwind CSS, Express.js
- **Tools & Platforms:** DBMS, GitHub, Power BI, MS Excel
- **Languages:** English, Hindi (Fluent)

## EXPERIENCE

### Internship | MED-AI

JAN 2025 – MAR 2025

- Improved responsive UIs as a Frontend Developer using React.js, Tailwind CSS, and Material-UI.
- Designed and enhanced Login/Signup dashboards, messaging, and community pages.
- Implemented state management with Redux and version control using Git/GitHub.

## PROJECTS

### Full Stack Web Development

HEALTHNEST – Healthcare Platform for College Students

OCT 2024 – MAR 2025

- Built a multi-dashboard platform for patients, doctors, and administrators with secure appointment booking, role-based access, and live medical data.
- Streamlined workflows by combining authentication, data visualization, and automated processes.
- Onboarded NEET-qualified consultants, strengthening credibility and providing professional medical support.
- Deployed RESTful APIs for communication between modules, scaled to support 15+ active users with a sustainable ₹20/session video consultation model

### Blinkit Sales Analytics

SQL & Power BI

AUG 2025 – SEP 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.
- Analyzed 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

## CERTIFICATIONS

- Full Stack Web Development with MongoDB – Smart Bridge

- Cloud Computing (Elite + Silver) – NPTEL

## EXTRACURRICULAR ACTIVITIES

- Developing a research paper on lung cancer prediction using ML and 3D visualization to improve accuracy and engagement.
- Core team contributor at Mozilla Club and Cisco Community; led workshops, drove engagement, and coordinated 6+ events with 200+ participants.
- Ranked 20th out of 300 teams in NASA Space Apps Hackathon; also led multiple hackathons, delivering functional prototypes and feature implementations under strict deadlines.

## 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).