AYUSH PATEL

Raipur, Chhattisgarh

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EDUCATION

National Institute of Technology Raipur   **2023 – 2027 (Expected)**
*B.Tech, Information Technology - **CGPA - 9.58 / 10.0***   *Raipur, India*

Nirmala Convent High School   **2022 – 2023**
*CBSE - XII - **Percentage - 95.8%***   *Renukoot, India*

TECHNICAL SKILLS

- **Languages**: Java, C++, Python, JavaScript, TypeScript
- **Frameworks & Libraries**: React.js, Next.js, Redux, Express.js, jQuery
- **Backend & Databases**: Node.js, MongoDB, PostgreSQL, MySQL
- **Core CS Concepts**: Data Structures, Algorithms, OOP, Operating Systems, DBMS
- **Soft Skills**: Problem Solving, Collaboration, Cross-Functional Teamwork, Communication

PROJECTS

LinkNest *(JavaScript, HTML5, CSS, Chrome Extensions API)* ⬈   **June 2025 – July 2025**
- Built a **Chrome extension** to **save, tag, and search** links, improving link retrieval speed by **3X**.
- Used clean structure for **secure permissions**, ensuring **100% data persistence** locally.
- Added basic **testing and reminders**, increasing user retention during testing by **25%**.
- Fixed major bugs and optimized for **cross-browser support**, reducing crashes by **40%**.

Safety Management Portal *(ReactJS, Node.js, Express.js, MongoDB, Chart.js)* ⬈   **May 2025 – Jun 2025**
- Developed a **full-stack web app** to monitor **50+ industrial assets** with **real-time** updates.
- Built REST APIs with **role-based access** and JWT authentication, securing **100% of endpoints**.
- Wrote and ran **50+ automated tests**, ensuring **95% API reliability** across deployments.
- Integrated **CI/CD pipelines**, reducing deployment time from **30 mins to under 5 mins**.

Aavartan Website – Technocracy *(React.js, JavaScript, Tailwind CSS, Git)* ⬈   **Nov 2024 – Feb 2025**
- Developed and maintained a **responsive web platform** for **10k+ fest visitors** with live event updates.
- Built **dynamic event modules** and optimized the platform to handle **2X peak traffic** smoothly.
- Reduced average **page load time by 40%** through targeted performance optimizations.
- Managed source control with Git and followed **Agile workflows**, enabling regular feature rollouts.

ACHIEVEMENTS

- **Codechef** ⬈ Achieved a peak rating of **1625**, earning 3 - Star.
- **Codeforces** ⬈ Achieved a peak rating of **1318 (Pupil)**.
- **Leetcode** ⬈ Solved **900+ problems**, peak contest rating **1781**.
- Semi-finalist (Top 48 of 99,000+) in **HPCL Power Lab 2025** – National Level.
- **2nd Runner-up at WWT Unravel 2025**, a national-level Data Science competition.
- National Finalist in **GE HealthCare –Precision Care Challenge 2025**.
- **Reliance Foundation Scholar** and **AWOO Foundation Scholar** – awarded for academic excellence.

CERTIFICATIONS

- **OpenCode'24 – IIIT Allahabad**: Top Open-Source Contributor. ⬈
- **JavaScript Essentials 2 – Cisco Networking Academy**: Completed JavaScript fundamentals. ⬈
- **Career Development Cell, NIT Raipur**: Recognized for contributions in software development and test. ⬈

POSITIONS OF RESPONSIBILITY

- **RobotiX Club** – *Event Coordinator*   **Nov 2023 – Present**
  Organized robotics workshops and competitions; managed outreach, registrations, and event logistics.

- **Technocracy Committee** – *Web Coordinator*   **July 2024– Present**
  Led website development and updates for committee and tech fest; handled versioning and smooth deploys.