Varun Agrawal

Bachelor of Technology
Computer Science & Engineering
National Institute of Technology, Raipur

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	National Institute of Technology, Raipur	7.93	2023-27
Senior Secondary	R.D. Tiwari, Raipur (CGBSE)	81.2%	2021-22
Secondary	VCSEMS, Raipur (CGBSE)	91.87%	2019-20

Projects

- **Ecommerce - Data Analysis**   April 2025
  Tools: Pandas, NumPy, Matplotlib, Seaborn, MYSQL, Jupyter Notebook
  ◦ Developed a data analytics pipeline that transforms raw e-commerce data (CSV format) into structured SQL tables using Python, followed by comprehensive business insights and visualizations using SQL and Python-based tools.
  ◦ Designed and executed complex analytical SQL queries to address 15+ real-world business questions.
  ◦ Used Jupyter Notebook to visualize data trends with Matplotlib and Seaborn.
  ◦ Calculated KPIs like customer retention, revenue by category, top spenders, and sales growth.

- **Portfolio site**   July 2025
  Tools: React, JavaScript, Tailwind CSS
  ◦ Designed and developed a responsive personal portfolio website using React.js, Tailwind CSS, and Vite to showcase projects, skills, and professional experience.
  ◦ Implemented smooth client-side routing using React Router and integrated interactive UI components with Lucide icons for a modern user experience.
  ◦ Deployed the site on Netlify, ensuring fast performance, mobile responsiveness, and seamless accessibility across devices.

- **Subsafe Frontend**   March 2025
  Tools: React, JavaScript, Tailwind CSS
  ◦ Developed a React.js-based subscription management platform enabling users to manage subscriptions, donate to NGOs, and invest in funds.
  ◦ Implemented an intuitive and responsive UI, ensuring seamless user experience for subscription tracking and financial management.

Skills

- **Programming Languages**: C++, Python, Java (Basics), SQL
- **Tools & Libraries**: Pandas, NumPy, Matplotlib, Seaborn, Streamlit, SQLite
- **Web Technologies**: HTML, CSS, JavaScript, Reactjs, Nodejs, Expressjs, Tailwind CSS
- **Databases**: MySQL, MongoDB
- **Developer Tools**: Git/GitHub, VS Code, Figma
- **Core Subjects**: OOPs, Operating System, Computer Networks

Achievements

- Rated 2 ⭐ (Max - 1422) - CodeChef
- Rated 1566 - Leetcode
- 500+ Questions solved on Platforms like Leetcode, GFG, and CodeChef

Positions of Responsibility

- **Executive,** Association of Computer Science and Engineering, NIT Raipur   *July 2024 - Present*
- **Executive,** Shaurya (Sports Committee), NITRR   *August 2024 - Present*