SOURABH VERMA

Roll No.: 20224160
Bachelor of Technology
Electronics and Communication Engineering
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EDUCATION

- **Motilal Nehru National Institute of Technology Allahabad, Prayagraj** — *2022–2026*
  Bachelor of Technology in Electronics and Communication Engineering — CPI: 7.44 (till VIth sem)
- **S.B.N Public School Ghaziabad** — *2020–2021*
  Central Board of Secondary Education (Intermediate) — Percentage: 85.8
- **S.B.N Public School Ghaziabad** — *2018–2019*
  Central Board of Secondary Education (High School) — Percentage: 87.8

PERSONAL PROJECTS

- **SplitShare – Expense Tracking & Group Settlement App** ⊙ 🌐 — *June 2025*
  - **Tech Stack:** Built a full-stack application using **React.js, Node.js, Express.js, MongoDB** with **JWT + bcrypt** to provide secure login, protect user data, and ensure safe session handling.
  - **Expense Management:** Enabled users to easily create, edit, and delete group expenses, making expense tracking simple and improving efficiency.
  - **Smart Balance System:** Developed an automatic "who owes whom" calculator that instantly updates group balances, reducing manual settlement time.
  - **Visual Insights:** Designed interactive charts and summaries to provide clear visual insights into spending habits, improving financial clarity and tracking accuracy.

- **Codly – Online Code Editor and Project Manager** ⊙ 🌐 — *October 2024*
  - **Tech Stack:** Developed a secure and responsive platform using **React.js, Node.js, Express.js, MongoDB** with **JWT + bcrypt** to ensure safe authentication and smooth user sessions.
  - **Project Control:** Implemented full **CRUD features** for project creation, editing, renaming, and deletion, improving project management and workflow efficiency.
  - **Code Editor:** Built a real-time, multi-language code editor supporting **C++, Java, Python, and JavaScript**, with instant feedback and syntax highlighting, enhancing coding speed.
  - **Performance:** Optimized backend execution and reduced response delays, resulting in faster project handling and improved overall system responsiveness.

- **NoteVault – Notes Saving App** ⊙ 🌐 — *February 2024*
  - **Tech Stack:** Built using **React, Node.js, Express, MongoDB** with **JWT + bcrypt**, ensuring secure login, protected user data, and smooth session handling.
  - **Rich Text Notes:** Integrated a **Jodit-based text editor** allowing users to create, edit, and format notes easily, improving readability and usability.
  - **Live Search:** Added a dynamic search feature that filters notes instantly, making note retrieval faster and more efficient for users.
  - **Note Sorting:** Introduced note categories like **Important** and **Normal**, along with avatars for visual organization, improving note access speed and organization.

TECHNICAL SKILLS AND INTEREST

Languages: C++, HTML, CSS, SQL
Frameworks/Tools: React.js, Node.js, Express.js, MongoDB, JWT, bcrypt, Git, GitHub, VS Code
Core CS: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), DBMS, Operating Systems
Soft Skills: Communication, Leadership, Time Management, Problem Solving, Critical Thinking

ACHIEVEMENTS AND CERTIFICATIONS

- **Be10x Workshop:** Completed **AI Tools and ChatGPT** workshop by Be10x. **[Link]**
- **Top performer in Graph Contest:** The Competitive Graph Algorithm Contest organized by AlgoUniversity. **[Link]**
- **Adobe Hackathon:** Top performer in Round 1 of Adobe Hackathon. **[Link]**
- **Backend Development Workshop:** Completed workshop on Node.js and Express.js by PW. **[Link]**
- **Software Engineering Virtual Experience:** Completed **JPMorgan Chase Co. Virtual Experience** by Forage. **[Link]**
- **Contest Achievements:** Secured Rank **785** in Biweekly Contest 142 and Rank **886** in Weekly Contest 446 on LeetCode.

CODING PROFILES

LeetCode: sourabh_1112 (Knight)
CodeForces: sourabh1112 (Specialist)
CodeChef: sourabh_1112 (3-star)
AtCoder: sourabh_1112 (8 kyu)

POSITIONS OF RESPONSIBILITY

- **Design Team Member, Electronic Society:** Created event posters and promos for Electromania.
- **PR & Content, Culrav-Avishkar:** Managed PR, created content, and coordinated 20+ speakers/performers.
- **Media Team, Culrav-Avishkar:** Handled social media promotions to boost event reach and visibility.