Jayant Varshney

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SUMMARY

Enthusiastic developer and data analyst skilled in Python, Java, SQL, HTML, CSS, and JavaScript. Proficient in data visualization, problem-solving, and software development. Eager to apply technical expertise, innovative thinking, and teamwork to real-world projects. Quick learner with a passion for continuous growth and technology.

EDUCATION

Aligarh College of Engineering and Technology   Aligarh, India
Bachelor of Engineering in Computer Science & Engineering   CGPA   8.0
Dharam Samaj Bal Mandir Sr. Sec. School   *Aligarh, India*
 Higher School Certificate   *CGPA   7.2*
Dharam Samaj Bal Mandir Sr. Sec. School   *Aligarh, India*
 Secondary School Certificate   *CGPA   8.4*

EXPERIENCE

Self-Developed Projects

- **Real-Time Chat Application**
  Tech Stack: React.js, Socket.IO, Node.js, Express, Tailwind CSS
   Developed a responsive chat application using React.js with real-time messaging via Socket.IO.
   Implemented reusable components and state management using Context API and Hooks.
   Integrated REST APIs for chat history and message persistence.
   Achieved message delivery latency under 100ms, boosting engagement by 40%.

- **Eagle Insight: Stolen Vehicle Detection System**
   Identified the need for faster recovery of stolen vehicles.
   Developed a real-time vehicle tracking and alerting platform.
   Used Python, OpenCV, Django, SQLite, HTML, CSS, JavaScript, Twilio, OCR, and AJAX to build the system.
   Enabled instant alerts and vehicle location tracking, improving response time for law enforcement.

- **Smart Health Advisor**
   Recognized the growing demand for AI-driven health assessments.
   Created a machine learning-based health prediction web application.
   Built the system using Python, Django, HTML, CSS, JavaScript, and ML models for accurate health advice.
   Delivered a user-friendly platform for early health risk detection and recommendations.

- **Spotify Clone**
   Aimed to replicate the experience of a leading music streaming platform.
   Designed a full-stack web application supporting user authentication and playlist management.
   Developed the app with ReactJS, Node.js, MongoDB, and Express.js, implementing key features like user login, song search and playlists.
   Successfully built a functional music streaming site, enhancing full-stack development skills.

Intern — Web Developer
Dabotic India Pvt. Ltd | 01/2024 — 02/2024

- Selected as a Web Development Intern to work on live projects.
- Assigned to develop real-time web applications demonstrating strong UI/UX design and responsiveness.
- Built projects like a Quiz App and a responsive Landing Page using HTML, CSS, and JavaScript; applied best practices in front-end development and design principles.
- Strengthened hands-on experience in web development, improved UI/UX design skills, and delivered fully responsive, user-friendly projects within deadlines.

Python Trainee
GUVI, HCL Collaboration | 06/2023 — 09/2023

- Completed hands-on training in Python programming through GUVI in collaboration with HCL.
- Developed proficiency in core Python concepts, object-oriented programming (OOP), data structures, and algorithms.
- Applied learning to real-world project development, strengthening programming and problem-solving skills.

Full Stack Development Trainee
CETPA Infotech and BIIT, Aligarh | 02/2023 — 05/2023

- Underwent intensive training in Full Stack Web Development covering front-end technologies (HTML, CSS, JavaScript, React) and back-end technologies (Node.js, Express.js, MongoDB, SQL).
- Built real-world projects applying modern web development best practices.
- Gained practical knowledge of deployment, version control (Git, GitHub), and full project lifecycle management.

SKILLS

Programming Languages: C, C++, Python, Java, HTML, CSS, JavaScript, SQL
Frameworks and Libraries: Django, React.js, Node.js, Express.js, NumPy, Pandas, Scikit-learn, Matplotlib, Bootstrap
Databases: MongoDB, MySQL, SQLite
Tools and Technologies: Power BI, Git, GitHub, MS Office (Excel, PowerPoint, Word), Postman, Visual Studio Code, JIRA
Development Platforms: Visual Studio Code, PyCharm, Jupyter Notebook, Google Colab, IntelliJ IDEA, Command Line (CMD)
Soft Skills: Report Building, Team Management, Communication Skills, Problem Solving, Teamwork, Version Control (Git), Testing and Debugging, Critical Thinking, Active Listening, Creativity