

SAHIL CHAUHAN

Full-Stack Web Developer | Data Scientist

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EXPERIENCE

❖ **Novem Controls — MERN Stack** Jan 2025 – Present

- Developed and deployed full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Implemented RESTful APIs to manage CRUD operations, improving backend data handling efficiency by 30%
- Conducted unit testing and debugging using Postman, and Chrome DevTools, reducing reported bugs by 40%
- Documented development processes and maintained clean, scalable code following industry best practices

❖ **Hoping Minds — Data Science** Jun 2024 – Jul 2024

- Collected, cleaned, and analyzed structured data using Python libraries such as Pandas, NumPy, and Scikit-learn
- Developed exploratory data analysis (EDA) dashboards using Matplotlib and Seaborn to identify trends and anomalies
- Built and evaluated predictive models using machine learning algorithms like Linear Regression and Decision Trees
- Utilized Jupyter Notebooks for code documentation and visual storytelling, enhancing result clarity for non-technical stakeholders

❖ **Teachnook —Artificial Intelligence** Feb 2024 – Apr 2024

- Designed and trained machine learning models using Python libraries such as TensorFlow, Keras, and Scikit-learn
- Implemented supervised and unsupervised learning algorithms to solve real-world problems, including classification and clustering tasks
- Conducted data preprocessing, feature engineering, and model tuning to improve accuracy and reduce overfitting
- Evaluated model performance using precision, recall, F1-score, and confusion matrix, ensuring data-driven decision-making

PROJECTS

- Multiplayer Scribble Game (Using MERN stack and Computer Vision)
- HR Dashboard In Tableau
- Data Cleaning In SQL
- Fake News Detection System
- Movies Recommendation System
- Sentiment Prediction Project
- Text Extractor From Images

SKILLS

- **Full Stack Web Development** : MERN Stack (MongoDB, Express.js, React.js, Node.js), Redux, Socket.io, Tailwind CSS
- **Data Science & Analysis** : Python, Pandas, NumPy, Tableau, Matplotlib, Scikit-learn, TensorFlow, Keras
- **Tools & Technologies** : Git & GitHub, SQL, Jupyter Notebook, VS Code, API testing (Postman), C++, Java, C

EDUCATION

Atal Bihari Vajpayee Government Institute of Engineering And Technology, Shimla

Bachelor of Technology | Computer Science Engineering (2021 - 2025)