TRAPTI SHARMA

Moradabad, Uttar Pradesh

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Education

Master's of Computer Application   **October 2022 - June 2024**
Mahatma Jyotiba Phule Rohilkhand University   *Bareilly, Uttar Pradesh*

Bachelor of Science   **July 2018 - June 2021**
Mahatma Jyotiba Phule Rohilkhand University   *Bareilly, Uttar Pradesh*

Intermediate   **July 2017 - June 2018**
Prabha Devi Inter College   *Moradabad, Uttar Pradesh*

Highschool   **July 2015 - June 2016**
Prabha Devi Inter College   *Moradabad, Uttar Pradesh*

Experience

Revisewise Education Solution Pvt. Ltd.   **Sep 2024 – Present**
Intern   *Noida, India*

- Collaborated with cross-functional teams to refine content presentation, ensuring consistency and scalability within the dashboard UI.
- Optimized existing codebase for better performance and maintainability, resulting in a **15%** boost in user navigation clarity and a **2%** increase in user retention through better visual hierarchy and engagement elements.
- Implemented basic React functionalities to improve interactivity and responsiveness of the dashboard.

Projects

House Price Prediction | *Python, Machine Learning, Flask, JavaScript, AWS* | Link   4

- Formulated and execute a house price forecasting algorithm in Python, integrating cutting-edge machine learning tools (NumPy, Pandas, Matplotlib, Scikit-learn) optimized model efficiency and resulting in a **15%** reduction in prediction errors.
- Engineered RESTful APIs to facilitate seamless communication between frontend and backend, which successfully reduced latency by **30%**, ensuring a smoother user experience and enhancing customer satisfaction ratings by **15%**.

Expense Tracker | *React.js, Node.js, Mongodb* | Link   4

- Developed a React-based expense tracker app , integrating ECharts for visualizing daily and monthly expenses both.
- Designed and implemented a clean UI/UX with Tailwind CSS, featuring well-styled summary cards and an interactive transaction table.
- Implemented dynamic expense tracking with an "Add Expense" modal, ensuring real-time updates across the summary cards, charts, and transaction history.

Bus Ticket App | *React.js, Node.js, Mongodb*   4

- Developed a full-stack bus ticketing application using React.js for the frontend and Node.js API for the backend.
- Designed and integrated user-friendly interfaces for booking and viewing tickets, ensuring a smooth user experience.
- Implemented functionality API to save and fetch bus details with data stored in MongoDB.

Technical Skills

Programming languages: C++, Python, Java
Web technologies: HTML, CSS, JavaScript, Tailwind CSS, ReactJs, ExpressJs , NodeJs
Database: MY SQL, MongoDB
CSE Fundamental : RDBMS, OOPS, Data Structure and Algorithms
Tools : Postman, VS Code, Git, Jupyter Notebook
Soft Skills : Effective Communication, Team Collaboration, Troubleshooting, Decision Making

Certificates

- AI and ML with Data Science Bootcamp - IIT Roorkee
- AWS Certified Cloud Practitioner

Languages

- English
- Hindi