

ASHIRVAD SRIVASTAV

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Education

Madan Mohan Malviya University Of Technology

Bachelor of Technology in ECE(IOT) 8.24/10

Sep. 2023 – July 2027

Gorakhpur, Uttarpradesh

Relevant Coursework

- Data Structures and Algorithm
- Internet Of Things
- Problem Solving
- Database Management
- Artificial Intelligence
- Internet Technology
- Computer Network

Experience

HactoberFest

Sept 2024 – Oct 2024

Open Source Contributor

Remote

- Front-End Contributions: Contributed to 5+ GitHub repositories using JavaScript, HTML, and React.
- Bug Fixes and Components: Resolved 15+ frontend bugs and implemented 5 reusable components, improving UI responsiveness and reducing user error reports by 30 percent.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Yuga Yatra Retail(OPC) pvt.ltd

Nov 2025 - Present

Software Engineer Intern

Remote

- Built and maintained responsive UI components using React.js and other frameworks .
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Designing using Canva, Freelancing on platforms like upwork, and team collaboration through Google Workspace .

Projects

Smart Health Monitoring System | *Tech Stacks:- IOT + MERN Stack*

October 2024

- Built a web-based health tracking dashboard integrated with sensors via Raspberry Pi.
- Real-time vitals like heart rate and SpO2 uploaded via MQTT to MongoDB.
- Frontend in React.js with live graphs using Chart.js. Alerts sent via Twilio in case of abnormal readings.
- Tech Used: React.js, Node.js, MongoDB, MQTT, Python, Raspberry Pi .

AI Based Student Performance Prediction | *Linear Regression, Data Preprocessing*

November 2025

- Predict the student Performance based on number of hours a student study .
- Student performance depends on multiple factors such as IQ, Attendance, Sleep Hours etc .
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Technical Skills

Languages: C, C++, HTML/CSS , JAVASCRIPT, PYTHON, SQL

Developer Tools: VS Code, Git, Github, Jupyter Notebook

ML Stacks: Numpy, Pandas, Matplotlib, Seaborn and ML algorithms

Technologies/Frameworks: ReactJS, ExpressJS, Postman, MongoDB Compass, Bootstrap, TailwindCSS, NodeJs

Leadership / Extracurricular

Executive Member at ECEs

2023 – Present

MMMUT, GKP

- * Runner Up in Blind Fold Coding Challenge .
- * Managed executive events that are organised by society .
- * Problem Solving including different platforms around 500(LeetCode, GFG, CodingNinjas,Codechef)
- * Codeolio – Different Coding Profiles(750+problems)