

GOURAV KUMAR GUPTA

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Education

SRM Institute of Science and Technology, Chennai

Sep 2020 – June 2024

B.Tech in Computer Science

CGPA - 9.35/10

MDVM(Parle) School, Neemrana

Apr 2018 – Apr 2019

Class 12th CBSE Board

Percentage - 78/100

D.V.M. Public School, Behror

Apr 2016 – Apr 2017

Class 10th CBSE Board

CGPA - 9.4/10

Relevant Coursework

- Data Structures
- Software Methodology
- Database Management
- Algorithms Analysis
- Artificial Intelligence
- Object Oriented Programming
- Operating System
- Computer Networks
- Computer Architecture

Projects

Voting Web App Backend | *NodeJS, ExpressJS, MongoDB*

January 2024

- Developed a backend voting application using Node.js, Express.js, and MongoDB, enabling user authentication and candidate management.
- Implemented user signup/login with Aadhar Card Number and password, ensuring secure authentication with JSON Web Tokens (JWT).
- Provided API endpoints for users to view candidates, vote for them (once), and for admins to manage candidates (add, update, delete).
- Utilized MongoDB for data storage, ensuring efficient retrieval of candidate information and vote counts.

Chat Web App | *ReactJS, NodeJS, ExpressJS, MongoDB*

October 2023

- Created a real-time chat web application using MERN stack, demonstrating proficiency in full-stack development and collaborative technologies.
- Developed a dynamic chat web app with MERN stack, showcasing real-time messaging and secure authentication.
- Engineered a MERN-based chat web application, integrating Socket.io for seamless real-time messaging and JWT for authentication.

Matrix Personal AI | *Python*

feb 2023

- Contributed to the development of Matrix Personal AI, showcasing expertise in Python and collaborative teamwork.
- Played a key role in Matrix Personal AI project, implementing Voice Recognition and enhancing functionality.
- Engineered Matrix Personal AI with a focus on scalability and quality, integrating innovative features for enhanced user experience.

Technical Skills

Languages: C/C++, Python, HTML/CSS, JavaScript, SQL

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Technologies/Frameworks: NodeJS, ExpressJS, MongoDB, Mongoose, GitHub, RESTful API

Leadership / Extracurricular

JPMorgan Chase & Co. Software Engineering Lite virtual experience program on Forage - April 2024

- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department of JPMorgan Chase & Co.
- Created a new class to get an existing system up and running.
- Wrote a test suite for the class added.