

Ashutosh Singh

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WORK EXPERIENCE

Open-Source contributor, JWOC

Feb 2023 - March 2023

- Worked majorly on a [Tailwind CSS library](#), created different "tailwind components". I used "Git" and "GitHub" to collaborate and submit my work. I improved my work by seeking constant feedback from the maintainers, and 7 pull requests were merged.
- I worked on another repository [fix-your-nums](#) which is a calculator application. I have resolved a "front-end" bug that was causing the table to not render properly. I used "HTML", "CSS" and "JavaScript" to resolve this issue.

PROJECTS

Medvisor

[Project Link](#)

- Medvisor is an AI fitness advisor. It can answer most of the queries about fitness and health.
- Worked mainly on the "backend" part. Utilised "Node.js" as a runtime environment, "Express.js" for creating the REST API and "MongoDB" as a NoSQL database.
- Harnessed the Gemini API with the "gemini-pro" model to handle user prompts. Apart from that, I also used "bcryptjs" for password encryption and the "jsonwebtoken" library for user authentication.
- Also connected the frontend with the backend and set up CORS to handle cross-origin requests. Implemented the functionality to render the raw AI responses in the formatted text on the front-end.
- **Tech used:** React, Node.js, Express.js, JavaScript, RestAPIs, , NoSQL, MERN stack, Postman

Ticket Resolution App

[Project Link](#)

- The Objective was to create a Ticket resolution application to resolve doubts and assign tickets to the moderators automatically using AI.
- Created a Backend using Node.js, and a basic frontend with React.js.
- Utilised Inngeist framework to integrate AI for assignment of tickets to the moderators. Currently working to make it better.
- **Tech used:** Node.js, Express.js, React, MongoDB, Gemini, Inngeist, Nodemailer, UI component library

TextUtils

[Project Link](#)

- TextUtils is a Text formatting tool that can transform huge text according to your needs.
- Utilised "React.js" and "Bootstrap" libraries to create TextUtils. It can convert the text in different cases, remove extra spaces, extract all the emails and more.
- **Tech used:** JavaScript, Bootstrap, React.js

EDUCATION

2020 - 2024 **B.Tech (CSE)** at **Dr. A. P. J. Abdul Kalam Technical University** GPA: **7.4/10.0**

2018 - 2019 **Intermediate (Science)** **Saraswati Vidya Mandir (CBSE)** **75%**

TECHNICAL SKILLS

Languages:	JavaScript, C/C++
Cloud/Database:	MongoDB
Developer Tools:	VS Code, Git, GitHub, Postman
Technology/Framework:	React.js, Express.js, Node.js, HTML, CSS, Bootstrap, Tailwind, Vite