Shashank Kumar

+91 7225870059 | shiv04313@gmail.com | linkedin.com/in/shashank | github.com/shashank

Education

National Institute of Technology — Kurukshetra, IN
Bachelor of Technology in Information Technology — *Nov. 2022 – Present*

CGPA: 9.26/10

New Digamber Public School — Indore, IN
High School Diploma in PCM Stream — *April 2022*

Class 12th Percentage: 96.2%

Class 10th Percentage: 92.2%

Experience

AI Engineer Intern — June 2024 - August 2024
NeoSapien

- Conducted research and implemented the latest AI models and frameworks to enhance various functionalities of Neo OS.
- Fine-tuned language models to improve their performance and accuracy.

Projects

FullStack Discord Clone | *Next.js, React, Socket.io, Prisma, Tailwind CSS, MySQL* — June 2024

- Developed a full-stack discord clone using NextJS and React with Tailwind CSS providing a modern and responsive interface.
- Implemented real-time messaging with Socket.io, secure user authentication with Clerk and, audio and video calling features using live-kit.
- Designed and optimized database schema with Prisma and MySQL, enhancing data integrity and performance.

Bloggify | *HTML, CSS, Express JS, Node JS, EJS, MongoDB* — Dec. 2023

- Developed a responsive blogging web application using HTML, CSS, and EJS for dynamic and personalized content rendering.
- Enabled users to compose, delete, and edit blogs with full CRUD functionalities, enhancing user engagement and interaction.
- Implemented the backend with Node.js and Express.js, providing a scalable server environment, and also integrated MongoDB for efficient data storage and retrieval, management of blog posts.

Academic Projects

CPR Feedback device (Guided by Prof. Shweta Sharma) — Nov. 2023

- Led a cross-functional team of five members in the development of a CPR feedback device under the guidance of Professor Shweta Sharma.
- Implemented advanced features using an Arduino Uno R3 board, pressure sensor, LEDs, and a 16x2 LCD display to provide real-time, accurate feedback on the quality of CPR (Cardiopulmonary Resuscitation) being administered.

Technical Skills

Languages: C++, C, Java, Python, Javascript
Frameworks: Bootstrap, JQuery, Matplotlib
Frontend: React JS, EJS, CSS, HTML
Backend/Database: Node JS, Express JS, Next JS, MongoDB, MySQL
Machine Learning: TensorFlow, LangChain, Keras, Scikit-Learn, Pandas, NumPy
Developer Tools: Git, VS Code, IntelliJ, GitHub, RestAPI

Achievements

- 3 star coder on Codechef
- Have solved 300+ questions on numerous platforms(Leetcode, Coding Studios, GFG etc)