VARUN SHARMA

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PROFESSIONAL EXPERIENCE

DATA ANALYST INTERN
IBM SkillsBuild Summer Internship
Certificate | **Project Gist**   **Jun 2023 – Aug 2023**

- Led an 8-person team in deploying advanced data analysis techniques to scrutinize Google's stock performance; designed and executed a Python script to assess the impact of Google's generative LLM AI Bard on stock market valuation, predicting the stock prices of the next 5 days with a 97.33 percent accuracy.

MACHINE LEARNING WORKSHOP
NASSCOM – FutureSkills Prime
Certificate   **Dec 2022**

- Spearheaded a hands-on workshop delving into Data Analysis and Machine Learning, gaining expertise in Supervised, Unsupervised, and Reinforcement Learning. Proficiently applied statistical methodologies like Linear, Non-Linear, and Polynomial Regression, optimizing model performance and increasing predictive accuracy by 30%.

SKILLS

- **Domains:** MERN Stack Web Development, Data Analysis, Machine Learning.
- **Programming Languages:** C/C++, Java, Python, R, Rust Lang, HTML/CSS, JavaScript, MySQL.
- **Softwares and Tools:** RStudio, Tableau, Postman, Figma
- **Frameworks:** ReactJS, ExpressJS, NodeJS, NextJS, Redux-toolkit, MongoDB, TailwindCSS.

PROJECTS

VISCORD | viscord-two.vercel.app
GitHub: github.com/V4run-Sharma/viscord

- Engineered streamlined communication pathways within Viscord, optimizing voice, video, and text functionalities tailored for gaming communities by reducing API call times by 92%.
- Tailored servers, channels, and roles to enhance organizational efficiency and user interaction.

- Integrated Clerk functionality and robust moderation tools to foster collaboration and connectivity.
- Leveraged **NextJS**, **Tailwind**, **ShadCN**, **LiveKit**, and **Socket.io** to elevate Viscord's functionality and user experience and increased user engagement by 23%.

GHAR | Live: gharrealestate.onrender.com
GitHub: github.com/V4run-Sharma/ghar

- Oversaw operations of Ghar Real Estate platform, facilitating seamless property transactions.
- Implemented advanced search features with 100% accuracy in token matching empowering users with informed decision-making capabilities.
- Designed frontend using **ReactJS** and **TailwindCSS** to enhance user experience.
- Employed **NodeJS**, **ExpressJS**, **MongoDB**, and **Firebase** for scalable backend and database operations.

BLUE BIRD
GitHub: github.com/V4run-Sharma/Twitter-Clone

- Managed Blue Bird, a dynamic social media platform fostering personalized feeds on diverse topics such as news, entertainment, and trends.
- Positioned as a central hub for real-time communication and public discourse, fostering global user connections.
- Developed frontend with **ReactJS**, **MaterialUI**, and **TailwindCSS** for a visually appealing and responsive interface.
- Utilized **NodeJS**, **Cors**, **ExpressJS**, **Axios**, and **MongoDB** for efficient backend operations and seamless integration with the frontend, optimized server response times to 54% of the original.

CERTIFICATIONS

- Google Data Analytics Professional Certificate
- Data Analysis With R Programming - Google
- Data Analysis With Python - Google

EDUCATION

TECHNO INDIA NJR INST. OF TECHNOLOGY
BTech. – Computer Science and Engineering
Nov 2021 – Aug 2025 (Expected)
CGPA: 8.67 (Present)

HIGHER SECONDARY (RBSE)
Science – Physics, Chemistry, Maths
Apr 2019 – Jun 2020
Percentage: 92.40%