Muskan Dhingra

📞 551-362-9180 ✉ dhingramuskan2001@gmail.com in linkedin.com/in/muskandhingra/ ⬤ github.com/muskan888

Education

Indiana University Bloomington	**August 2023 - May 2025**
Master in Science- Computer Science	*Indiana, United States*

Vellore Institute of Technology	**July 2019 - July 2023**
Bachelor in Science- Computer Science (GPA: 3.9/4)	*Tamil Nadu, India*

Experience

Microsoft	**May 2022 - July 2022**
Software Development Intern	*Bangalore, Karnataka*

- Enhanced **Microsoft Teams' search bar** by integrating secondary actions (pop-out chat and schedule a meeting). This strategic implementation led to a substantial **10% decrease in Time-to-Success (TTS)**, streamlining common tasks and increased efficiency.
- Made secondary actions **easily discoverable**, contributing to a 20% increase in user engagement and a more intuitive navigation experience.
- Utilized **Typescript, React.js, GraphQL,Angular and Microsoft Azure** and rigorously conducted **unit tests** to ensure optimal functionality.
- Generated a **pull request** for both the features, extending its functionality beyond the chat section; resulting in a 30% increase in feature utilization

Pcc Softech Pvt. Ltd.	**August 2021 – Jan 2022**
Software Development Intern	*Delhi, India*

- Significantly enhanced the functionality of **T-Mobile's enterprise customer portal** by designing and implementing six custom account summary view columns, resulting in a 23% increase in user productivity and improved data visibility.
- This modification enabled the process of conducting company-specific data entry and analysis, empowering users to efficiently export data for external analysis.
- Used **PostgreSQL** for database management, **Express.js** as framework, and **AWS** (Amazon Web Services) for hosting

Projects

Connect Sphere	*HTML, Socket.io, Node.js, Express.js, AWS*	**January 2022**

- Developed a **real-time** video calling and voice calling website.
- Integrated a **chat feature that lets user send messages to people even after the call or meeting is done**. So, the users can always go back and see what they talked about.
- Implemented **secure user authentication** with a login and sign-up page and an encrypted meeting link ensuring authorized access to the meeting.
- Designed an **interactive whiteboard** feature with a full spectrum of colors.

Student Performance Analysis	*Python*	**August 2021**

- Analyzed primary school student data using **7 Machine Learning** algorithms like Logistic Regression, KNN, SVC, SVM, Decision Tree, Random Forest, and Adaboost to predict Pass/Fail.
- Improved Logistic Regression accuracy to 95.22% using Genetic Algorithm optimization.

Technical Skills

Languages: C/C++, Python, Java, SQL
Web Design: HTML, CSS, Javascript, GraphQL, XML, PHP, React.js, React Native, Node.js, Firebase, Socket.io, ASP.NET, PostGRESQL, MongoDB, Express.js, Angular, Flask, Django, Git
Cloud Computing Platforms: Microsoft Azure, Amazon Web Services, CI/CD Pipelines

Achievements

Tech Wizard (YouTube Channel) Creator and host of a technical content channel, focusing on problem solving, software tutorials and coding. Regularly produce and manage engaging content. Link