MUSKAN SAHETAI
DEVELOPER AND GRAPHIC DESIGNER

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My Portfolio

Work Experience

Freelancer - Upwork

Techbible.ai is a platform where you can discover and review the latest software, share your tech stack, and start discussions, joining a community to lead the tech wave.
April 2024 to Present

- Worked as a Social Media Assistant at Techbible.ai, creating daily reels and posts for Instagram and LinkedIn, and writing engaging blogs to boost online presence.
- Analyzed social media metrics and collaborated with the marketing team to optimize content and ensure cohesive brand messaging.

Full Stack Developer

Stepin Solutions is a comprehensive backend service provider for SaaS-based martech businesses and performance marketers.
March 2023 to June 2024
(1 years, 3 months)

- Full Stack Developer at Stepin Solutions: contributed to the live Ongage project and currently developing the Statusi project.
- Developed scalable backend systems for SaaS-based martech solutions.
- Collaborated with cross-functional teams for seamless project integration.

Social Media Assistant

CreatorShala
September 2022 to November 2022 (3 months)

- I boosted their monthly output by 80% by creating daily articles, story ideas, and social media posts.
- Produced online content and marketing copy by leading a team of writers and editors to promote the products and services of key clients

Full Stack Developer

Groovy Web is a top-rated development company offering web, mobile app, MERN, and MVP solutions.
May *2022 to July 2022 (3 months)*

- Designed and implemented a chatbot to enhance customer engagement and streamline support services.
- Utilized advanced AI and machine learning techniques to ensure accurate and responsive interactions.

Relevant Skills

- Backend development (SaaS)
- Project management
- API design
- Database management (SQL, NoSQL)
- Frontend development (HTML/CSS, JavaScript)
- Version control (Git)
- Graphic design
- Layout design
- Adobe Creative Suite (Photoshop, Illustrator)
- Content creation
- MERN stack (MongoDB, Express.js, React.js, Node.js)
- Agile methodologies
- Python development
- Google Apps Script

Education History

Masters In Computer Science
Institution: University of Maryland Baltimore County
Year of Graduation: 2026
Key Subjects:
- *Advanced Algorithms*
- *Machine Learning*
- *Data Structures*
- *Artificial Intelligence*
- *Software Engineering*
- *Computer Networks*

Bachelor Of Technology
Institution: Charotar University Of Science and Technology
Year of Graduation: 2024
- Central Council Head, leading student initiatives and events
- Topper Student, consistently achieving academic excellence
- 1st Place, Art Competition, showcasing creativity and talent

Research Publication

- **Abnormal Human Behavior Detection from a Video Sequence Using Deep Learning** was published as a Book Chapter in "ICT for Intelligent Systems" with Springer, Singapore as Publisher... Indexing in Scopus.
- **Deep Learning Insights for Revolutionizing Pulmonary Disease Diagnosis** is published in the International Conference on Self-Sustainable Artificial Intelligence Systems [ICSSAS 2023], India.

Projects

STATUSI PROJECT (STEPIN SOLUTIONS)

Contributed to the development of Statusi, a software based on Ongage, designed for data visualization, ETL (Extract, Transform, Load) processes, and graphical representation of data. The project is set to go live in a Dec'24.

- Developed the Reports Page: Created a comprehensive reports page that allows users to generate and view detailed reports based on their data.
- Authentication Tools: Implemented robust authentication tools to ensure secure access and data integrity for users.
- Data Visualization: Enabled users to visualize their data through interactive and dynamic graphs and charts.
- ETL Processes: Assisted in the development of ETL processes, facilitating seamless data extraction, transformation, and loading for accurate analysis.

ONGAGE SEARCH TOOL (STEPIN SOLUTIONS)

Contributed to the development and enhancement of the Ongage search tool, which is now live and provides advanced search capabilities for users.

- Frontend Development: Improved the user interface by redeveloping it with a new, modern design using React.js, enhancing user experience and functionality.
- UI Enhancements: Implemented significant UI enhancements to create a more intuitive and user-friendly interface, ensuring seamless interaction.

SALARY AUTOMATION TOOL (STEPIN SOLUTIONS)

Developed an automated salary system using Google Apps Script, integrated with Google Workspace to streamline payroll processes and reduce manual efforts.

- Designed and implemented a fully automated payroll system to handle salary calculations, disbursements, and record-keeping.
- Seamlessly integrated the tool with Google Workspace, ensuring smooth data flow and accessibility.

MOVIE RECOMMENDATION SYSTEM

Created a personalized movie recommendation system using machine learning in Python to deliver tailored film suggestions based on user preferences.

- Machine Learning Implementation: Utilized advanced machine learning algorithms to analyze user preferences and viewing history, providing accurate and personalized movie recommendations.
- Python Development: Developed the recommendation system using Python, leveraging libraries such as Pandas, NumPy, and Scikit-learn for data processing and model building.

Projects

HARVESTIFY | FARMING WEB

Developed an ML-powered farming application designed to provide crop advice and optimize yield, enhancing decision support for efficient farming.

- Implemented machine learning algorithms to analyze data and provide accurate crop advice, helping farmers optimize their yield.
- Designed and developed a user-friendly interface to ensure ease of use and accessibility for farmers, enhancing overall decision-making processes.
- Enhanced decision support for farmers by integrating advanced data analytics and visualization tools.

EXPENSE TRACKER

Developed an expense tracker application to help users manage and monitor their financial transactions efficiently.

- Designed and implemented the application using a full stack approach, ensuring seamless interaction between frontend and backend components.
- Created an intuitive and easy-to-use interface, allowing users to input, categorize, and review their expenses effortlessly.
- Added features for setting budgets and tracking spending against them, helping users maintain financial discipline.

WHATSAPP CLONE

Developed a WhatsApp clone application using the MERN stack to replicate core functionalities of the popular messaging platform.

- Utilized the MERN stack to build a full-featured messaging application, ensuring efficient data handling and real-time communication.
- Implemented real-time messaging functionality using WebSockets, providing a seamless and instant chat experience.
- Developed robust user authentication and authorization mechanisms to ensure secure access and protect user data.
- Designed an intuitive and responsive user interface, replicating the look and feel of WhatsApp to enhance user familiarity and experience.

Volunteer Work, Awards, Affiliations, and Interests

Volunteer Work:
- Volunteered as a leader in managing various events, ensuring smooth operations and successful outcomes.
- Dedicated time to teaching students, providing guidance and support in their academic endeavors.
- Conducted seminars on various topics, sharing knowledge and fostering community engagement.
- Volunteered for SSIP, fostering an entrepreneurial culture by collaborating on initiatives, supporting startup projects, and encouraging creativity within the university community.

Awards:
- Earned a Microsoft certificate for successfully passing a machine learning exam.
- Recognized as a Topper Student for outstanding academic performance.
- Won 1st Place in an art competition, showcasing creativity and artistic skills.

Affiliations:
- Central Council Head: Held a leadership position in the Central Council, coordinating student initiatives and activities.

Interests:
- Passionate about graphic and UI/UX design, constantly exploring new trends and techniques.
- Avid reader with a keen interest in a wide range of genres, from fiction to technical literature.
- Enthusiastic about exploring new technologies and staying updated with industry advancements.
- Enjoy engaging in outdoor activities like hiking and cycling to stay active and refreshed.