

Shriya Kela: A Journey in Technology and Beyond

Personal Background

Shriya Kela, a passionate and dedicated young professional, hails from the vibrant city of Nashik, India. At just 20 years old, Shriya has already made significant strides in the field of computer science and data science, demonstrating a commitment to both academic excellence and practical application. Beyond her professional pursuits, Shriya enjoys a rich array of hobbies, including reading, writing, painting, and swimming, which contribute to her well-rounded personality.

Education

Shriya is currently pursuing a Bachelor of Technology in Computer Science and Engineering (Data Science) at Dwarkadas J. Sanghvi College of Engineering, a prestigious institution known for its rigorous curriculum and emphasis on practical learning. She is set to graduate in 2026, and her academic journey thus far has been marked by an impressive array of relevant coursework. This includes Operating Systems, Data Structures, Database Management Systems, Statistics, Python Programming, Data Visualization, Computer Networks, and Machine Learning. These courses have provided her with a solid foundation in both theoretical concepts and practical skills, preparing her for a successful career in technology.

Prior to her university education, Shriya completed her higher secondary education at Fravashi Academy from 2020 to 2022. Her time at Fravashi Academy was instrumental in shaping her interest in technology and data science, setting the stage for her future academic and professional endeavors.

Professional Experience

Shriya's professional journey includes valuable experiences that have helped her develop a diverse skill set. During the summer of 2024, she worked as a Backend Developer at Winjit Technologies. In this role, she was responsible for API routing, database integration, and collaborating with cross-functional teams. Her contributions were instrumental in enhancing the efficiency and functionality of the company's software solutions.

In addition to her role at Winjit Technologies, Shriya also interned at Vision EarthCare in the summer of 2023. As a Software Solutions Intern, she was tasked with creating software-based solutions to address the company's internal challenges. One of her notable achievements was developing a WhatsApp message disbursement program that automated the process of sending out tasks assigned by managers to employees. This program also recorded all messages received on Google Spreadsheets, streamlining communication and task management within the company.

Projects

Shriya has undertaken several projects that showcase her technical prowess and innovative mindset. One of her notable projects is the development of a note-making application, which serves as a digital diary for users to store and manage their notes. This application features sign-in and sign-out authentication, is connected to a database, and is built using Flask, HTML, JavaScript, and CSS. Shriya's attention to detail and focus on user experience have made this application both functional

and user-friendly.

Another significant project in Shriya's portfolio is a recipe recommendation system developed using the MERN stack (MongoDB, Express.js, React, and Node.js). This system allows users to share and discover new recipes, with features like user authentication, responsive web design, and interactive JavaScript effects. Shriya's ability to integrate various technologies and create a cohesive application highlights her versatility and skill as a developer.

Technical Skills

Shriya possesses a robust set of technical skills that make her a valuable asset in any tech-oriented role. Her proficiency in programming languages includes C/C++, Java, JavaScript, and Python. She is also well-versed in web development technologies such as HTML, CSS, ReactJS, and Flask. Her expertise extends to data analysis and visualization tools like Tableau, NumPy, and Pandas, as well as database management systems including MySQL and MongoDB.

Co-curricular Activities

In addition to her academic and professional pursuits, Shriya has actively participated in various co-curricular activities that have enriched her skills and experiences. She currently serves as an Editorial Committee Member at DJS-S4DS, where she has authored articles on data science topics and compiled reports to enhance the quality of the publication. This role has honed her writing and editorial skills, allowing her to effectively communicate complex technical concepts.

As an App Development Mentee at DJS-Compute, Shriya acquired foundational knowledge in Flutter and mobile app development. This experience provided her with hands-on exposure to app development, enabling her to apply theoretical concepts to real-world projects.

Shriya's dedication to community service is evident through her involvement with DJS-NSS, where she has completed 120 hours of volunteer work and participated in a 7-day camp. Her commitment to making a positive impact on society is a testament to her compassionate and proactive nature.

Furthermore, Shriya demonstrated her leadership and financial management skills as the USG - Vice Finance at NMUN 2019. In this role, she managed and allocated funds for the National Model United Nations event, ensuring financial transparency and accountability.

Hobbies and Interests

Outside of her professional and academic life, Shriya has a diverse range of hobbies that reflect her multifaceted personality. She is an avid reader and writer, finding joy and inspiration in literature and creative expression. Painting allows her to explore her artistic side and express her creativity through colors and brushstrokes. Swimming is another passion of hers, providing her with a way to stay active and unwind.

Conclusion

Shriya Kela is a dynamic and talented individual whose dedication to technology, continuous learning, and community service sets her apart. Her academic achievements, professional

experiences, technical skills, and involvement in co-curricular activities make her a well-rounded candidate for any challenging role in the tech industry. With a strong foundation in computer science and data science, combined with a passion for innovation and a commitment to excellence, Shriya is poised to make significant contributions to any organization she becomes a part of.