

Nikhil Narra

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EDUCATION

VIRGINIA TECH

MASTER'S IN COMPUTER SCIENCE

Jan. 2023 - Present | Blacksburg, VA

• GPA: 3.90

MRCET

BACHELOR'S IN

COMPUTER SCIENCE & ENGINEERING

2017 -2021 | Hyderabad, India

SKILLS

C++ • Python • R • Java
JavaScript • HTML • CSS
MySQL • MongoDB • AWS
Salesforce • Git • Tableau
DevOps • CI/CD • APIs

LINKS

Portfolio:// [niknarra](#)
LinkedIn:// [nikhilnarra](#)
GitHub:// [niknarra](#)

COURSEWORK

GRADUATE

Blockchain Technologies
Computer-Supported Cooperative Work
Data Analytics
Human-AI Interaction with LLM
Software Engineering

UNDERGRADUATE

Algorithm Design & Analysis
Big Data Analytics
Data Warehousing & Mining
Database Management
Operating Systems
Web Development

AWARDS

SPOT AWARD | DELOITTE

Recognized for rapid learning, independent leadership, and technical expertise in managing critical tasks.

INTERESTS

- Technology and Innovation
- Web Development
- Interdisciplinary applications of Tech
- Data Analysis

SUMMARY

Passionate and detail-oriented computer science graduate student seeking an opportunity to apply my skills to tackle real-world challenges. With prior work experience, a strong interest in process re-engineering & optimization, I excel in driving technical innovation and delivering visible results. Eager to contribute meaningful solutions and make a positive impact.

EXPERIENCE

DELOITTE | ANALYST

July 2021 – Dec 2022 | Hyderabad, India | Full-time

- Contributed significantly to the Digital & Analytics Team by developing diverse Salesforce functionalities to enhance system capabilities.
- Diagnosed, debugged, and resolved technical issues, resulting in a 30% decrease in system-related support tickets, enhancing the overall operational performance, and ensuring a smooth user experience.
- Collaborated with the Robotic Process Automation (RPA) Team to automate repetitive tasks using UiPath, which eliminated manual work by 100%.
- Re-engineered and optimized Salesforce workflows, leading to a significant 75% increase in operational efficiency and a more streamlined architecture.
- Demonstrated strong process ownership in guiding a successful ServiceNow migration project and reducing the project timeline by 15% through adept communication and cross-team collaboration.
- Utilized data-driven analysis for implementation decisions, ensuring optimal solutions aligned with industry best practices, and collaborated with stakeholders to optimize processes and drive continuous improvement.
- Authored Standard Operating Procedure (SOP) documents, improving process consistency, leading to a 20% reduction in process-related errors.

PROJECTS

INTELLIMEET | ACADEMIC PROJECT

- Developing an end-end decentralized video conferencing application with advanced AI capabilities.
- Leveraged cutting-edge technologies, including Python, PyTorch, OpenCV, and OpenAI, to enable facial analysis, speech-text conversion, and personalized attentiveness reports features.
- Collaborated on enhancing the application's real-time communication with the integration of Socket.IO and PyAudio.

TL;DW - TOO LONG; DIDN'T WATCH | ACADEMIC PROJECT

- Developed a LLM powered video summarization and question answering web application using PyTorch, OpenCV, Flask, and MongoDB.
- Built an interactive web dashboard for users to get video summaries, ask questions, and chat with the backend AI system.
- Engineered a comprehensive user authentication system to ensure secure and personalized user access, enhancing the application's reliability & trust.

YOUTUBE TRENDS ANALYSIS WITH AWS | PERSONAL PROJECT

- Developed a data engineering project to analyze video trends using Python, Amazon AWS and built an interactive dashboard for visualizing insights.
- Utilized AWS tools such as S3, Athena, Glue & Lambda to engineer end-end data pipelines, automate ETL workflows, and build a data catalog.
- Crafted an interactive data exploration dashboard using Amazon QuickSight to make the data accessible and user-friendly.