

NIVEDITA GUDAVALLI

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Education

Prasad V Potluri Siddhartha Institute of Technology

2020 – 2024

Vijayawada, India

- Affiliated to Jawaharlal Nehru Technological University, Kakinada
- Bachelor of Technology in Information Technology
- CGPA of 8.31

Sri Bhavishya Junior College

2018 – 2020

Vijayawada, India

- Board of Intermediate Education (MPC)
- CGPA of 8.34

N.St Mathews Public School

2017 – 2018

Vijayawada, India

- Central Board of Secondary Education
- Secured a grand total of 400 out of 500 marks

Internships

AICTE – Eduskills (Supported by AWS Academy)

May 2023 – July 2023

- **Data Analytics Intern**
- Acquired skills to relate AWS infrastructure to big data problems, analyze data using AWS services, manage and secure compute/storage instances, identify analytical AWS services, and configure storage options. Gained insights on improved decision-making, accessibility to analytics, automation, predictive modeling, personalization, retention, loyalty, forecasting, and optimized messaging and solutions.

AICTE – Eduskills (Supported by AWS Academy)

July 2022 – September 2022

- **AI and ML Intern**
- Explored and integrated AI and ML, emphasizing deep learning within artificial intelligence. Outlined the end-to-end ML process, listed tools crucial for data scientists, and executed an ML pipeline using Amazon SageMaker, covering data acquisition, preprocessing, model training, and hosting. Introduced advanced topics like forecasting, natural language processing, and computer vision.

SKILLDZIRE

July 2022 – August 2022

- **Data Science Intern**
- Actively contributed to the data science lifecycle, including tasks like data exploration, cleaning, and analysis. Implemented machine learning models for predictive modeling and classification to address business challenges. Aligned data science initiatives with organizational objectives, utilizing data visualization tools for effective communication to diverse stakeholders.

GUSTOVALLEY TECHNOVATIONS

April 2022 – May 2022

- **Industry 4.0 Intern**
- Gained hands-on experience with data analytics tools for real-time monitoring and predictive maintenance, contributing to projects applying Industry 4.0 principles and enhancing skills in data-driven decision-making. Engaged in a steep learning curve, adapting to the organization's shift from traditional to advanced manufacturing practices, and leveraged mentorship from experienced professionals to align contributions with industry best practices and standards.

Projects

Data Science

- **Personalized Movie Recommender**
- Designed a system that customizes movie suggestions based on user's preferences. By using math techniques like Singular Value Decomposition (SVD), the system analyzes user's past choices to recommend movies that align with their tastes.

UI/UX Designing

- **Personal Portfolio**
- Developed a personal portfolio project with a user-friendly design, making it easy for visitors to explore my skills and work. It emphasizes on interactivity and visual appeal which enhances the overall user experience, ensuring a smooth and engaging interaction.
- Reference link: <https://nivedita112.github.io/portfolio/>

Data Analytics

- **Fraudulent Activity Detection in Credit Card Transactions**
- Employed machine learning algorithms, particularly ensemble methods like Random Forest and Gradient Boosting, the system performed feature engineering, anomaly detection, and classification to discern subtle patterns indicative of fraudulent behavior. It promptly triggers alerts for potentially fraudulent activities and enhances the security measures in place.

Web Development

- **Music Player Application**
- Implemented a dynamic and user-friendly music player application using a modern tech stack, including HTML, CSS, JavaScript, and ReactJS. This application includes essential features such as a playlist, play/pause controls, and track navigation, while also incorporating visually engaging splash art for each song to enhance the user experience.

Skills

Programming : HTML, CSS, JavaScript, C, C++, Python, Java, MySql, NoSql, MongoDB.

Domains : Big Data Analytics, Machine Learning, Artificial Intelligence, UI/UX Design, Front-End Technologies, Data Science, Web Development.

Certifications

Infosys Springboard – C++ For Beginners; Basics of Python; Data Visualization with Tableau; Java Programming Fundamentals; Object Oriented Analysis, Design, and Programming with UML

Great Learning – UI/UX for Beginners

Service now – Certified System Administrator

AWS Academy – Cloud Foundations

Cisco Networking Academy – Python Essentials

Pantech E Learning – Java Programming

PVPSIT – Front End Technologies

Workshops

Front End Technologies – Engaged in a frontend workshop, attaining hands-on expertise in crafting responsive web interfaces through the application of HTML, CSS, and JavaScript.

Full Stack Development – Engaged in an in-depth workshop focusing on core concepts of the complete MERN stack, featuring a hands-on demonstration in constructing a full-stack application. Gained practical proficiency in prominent frameworks, including HTML, CSS, JavaScript, Node.js, Mongoose, and React.

Extra – Curricular Activities

- Participated in Tech Fests and Hackathons on coding platforms.
- Volunteering as a teacher at "Teach for Change," an organization dedicated to enhance foundational literacy and numeracy among children in low-income communities attending government schools.
- Actively contributed to Aasya Foundation's initiatives, emphasizing blood donation awareness and providing assistance to those in need.
- Actively participated in various sports competitions, representing N.St Mathews Public School and PVPSIT.
- Secured medals in Relay Competitions, Throwball showcasing dedication and excellence in both inter-school and inter-college sports events.
- Women Cell Coordinator at PVPSIT

Declaration

I hereby declare that all the information stated above is true to the best of my knowledge and belief