Deepika Narne
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EDUCATION

Binghamton University, State University of New York   Expected **May 2024**
Master of science in Computer Science   CGPA: 3.75 /4.00

SRM University, Amaravati, India   **2018 - 2022**
Bachelor of Technology in Computer Science   CGPA: 9.1/10.0
Minor Degree in Psychology   9.2/10.0

TECHNICAL SKILLS

- **Programming skills** : Python, C++/C, MySQL, MongoDB, Mongoose, Postgres
- **Web technologies** : HTML, CSS, Flexbox, Grid, Bootstrap, JavaScript, React, Node JS, Express JS, API
- **Technologies** : Machine Learning and Data Visualization
- **Soft skills** : Problem-solving, Adaptability, Teamwork and Organizational skills
- **Computer skills** : Git, Google workspace, Microsoft tools.

PROFESSIONAL EXPERIENCE

Graduate Grader, Binghamton University   **Aug 2023 – present**
- Aiding professor evaluate 55 students' academic work and clarifying students queries for enhanced comprehension

Software Engineer - Tata Consultancy Services   **Jul 2022 – Dec 2022**
- Engaged in the end-to-end development of a Predictive Analytics Dashboard, collaborating cross-functionally to gather requirements, extract, and preprocess data, implement machine learning models using Python, and build an interactive dashboard using web technologies
- Cultivated robust communication, teamwork, and organizational skills in a professional work environment

Software Engineer intern - Tata Consultancy Services   **Mar 2022 - Jul 2022**
- Contributed to designing and setting up the backend infrastructure for an E-commerce Intelligent Recommendation System, employing Node.js and MongoDB to oversee product inventory, user profiles, and transactions
- Incorporated machine learning algorithms to create a recommendation engine, leading to a 15% rise in user engagement
- Facilitated teammates by scheduling meetings and communicating the agenda as part of Scale Ai program

Android App Developer – APSSDC   **May 2020 – Aug 2020**
- Assisted a government corporation's developer team to design and implement an Android application using Android Studio. Successfully integrated multiple games, enhancing the application's functionality and user engagement

PROJECTS

Enhanced Task-Pro - *React, Express JS, MongoDB*
- Developed a robust To-Do application using React and Node.js, seamlessly integrating with MongoDB for efficient data storage and retrieval.
- Enhanced task organization with personalized lists and tag-driven filters. Engineered 100% successful deadline reminders, preventing task oversights, boosting productivity, and aiding effective prioritization

A Dynamic Weather Forecast Application - *JavaScript, Node JS, Express JS, API*
- Designed and developed a feature-rich Weather Application, seamlessly blending intuitive front-end design with robust back-end functionality.
- Coordinated Express.js dynamic data retrieval from an external API to obtain and dynamically display weather information of more than 240 countries including forecasting time for upcoming 5 days for users' convenience

Predictive Analytics Dashboard for Business Insights - *Python, Data Visualization, JavaScript*
- Integrated within a team to construct an interactive web dashboard incorporating machine learning, enabling predictive analytics.
- Deployed a robust system that empowers businesses with data-driven decision-making, resulting in a 20% improvement in market trend analysis and a 15% enhancement in understanding customer behavior.

CERTIFICATIONS

- The Complete Web Development Bootcamp 2023 (Udemy)
- Certified Associate in Python Programming (PCAP-31-03) – Python Institute
- Microsoft Certified: Azure Fundamentals
- Machine Learning by Stanford University (Coursera)|
- Learn C++ Programming -Beginner to Advance - Deep Dive in C++ (Udemy)

VOLUNTEER EXPERINCE

B - Welcome Crew   Aug 2023
- Offered clear and friendly guidance to more than 100 new students, ensuring a smooth transition to campus life

Asset Developer - Convocation Ceremony   Sep 2020 – Feb 2021
- Worked as an Asset developer for many virtual events held at SRM University. Taken part in creating 3D models and animations of chief guests and other required models for nearly 15 virtual events