**VENKATA NIKHIL KARNATI**

**.NET DEVELOPER**

[**venkata\_nikhil.github.io**](https://karnatinikhil25.github.io/venkata_nikhil.github.io/)

****[karnatinikhil369@gmail.com](mailto:karnatinikhil369@gmail.com) || 📱+1(520) 491-0888

**SUMMARY**

* **Intern with 3 months** of hands-on experience in software development, showcasing proficiency in C#.Net, Python, JavaScript, C++. Adept at effective communication, collaboration, and introducing generative ideas to the team.
* **Active participant in an IoT (Internet of Things) hackathon**, focusing on creating connected objects and understanding IoT integration.
* **Led the organization and conduct of IEEE awareness programs for school students**, educating them on the benefits and opportunities in the field.
* Skilled in various .NET technologies, encompassing expertise in **ASP.NET MVC, .NET Core, ASP.NET Web API, and .NET AOP (Aspect-Oriented Programming).**
* Strong foundation in **Object-Oriented Programming, and proficiency in Greedy Algorithms** such as Knapsack, Dijkstra’s, 0/1 Knapsack, and N-Queen.
* Experienced in developing **dynamic web applications and Single Page Applications (SPA) using React.**
* Skilled in using Mongo DB Atlas through Compass for basic CRUD (Create, Read, Update, Delete) operations.
* Developed **web applications focused on transactions using Flask in Python**.
* Full-stack Web Developer proficient in coding, developing dynamic web pages, server management, troubleshooting, understanding application needs, team collaboration, and identifying customer requirements.

**PROFESSIONAL EXPERIENCE**

**Intern- Cognizant Hyderabad, India**

**Mar 2022 - May 2022**

* Gained hands-on experience in developing and maintaining dynamic web pages, enhancing skills in server management and troubleshooting.

**EDUCATION**

**Northern Arizona University (**[**Transcripts**](https://drive.google.com/file/d/1TLBKjxqFPQyjKN14wZA6wjfjeZ97s2SD/view?usp=sharing)**) Flagstaff, AZ**

**Master of Science in Computer Science August 2022 - December 2023**

**Relevant Courses:** R Programming for Modern Regression, Data and Text Mining, Web Technology, Principles of languages Intro in Python, Network Security, Cryptography and RapidMiner

**Vignan’s University (**[**Transcripts**](https://drive.google.com/file/d/1GFzyMUAAaN7Gdne_UKEo63lHEzeW-ICI/view)**) Guntur, India**

**Bachelor of Technology in Computer Science July 2018 - June 2022**

**Relevant Courses:** C#.Net**,** Python, C++, Java, R Programming, Big Data, Blockchain.

**SKILLS**

**Tools & Technologies:** C#.NET, Python, JavaScript, C++, C, Mat Lab, R Programming languages, React.js,

Node.js, CSS, HTML, Data Structures and Algorithms, NoSQL.

**Soft Skills:** Problem Solving, Excellent Communication, Teamwork, Adaptability, Emotional Intelligence.

**PROJECTS**

* Designed and implemented a Movie Ticket Booking System website using **Asp.Net Core MVC** focusing on responsive design and user-friendly navigation.
* Engineered a Python-based (Road) Lane-Detection-System using OpenCV Deep learning. ([View Code](https://github.com/Karnatinikhil25/Detection-System))
* Designed and implemented a university website using HTML, CSS, and JavaScript, focusing on responsive design and user-friendly navigation. ([View Code](https://github.com/Karnatinikhil25/))

**VOLUNTEERING**

* Conducted Python workshops for over 30 students at Vignan University, fostering programming skills and practical application knowledge.
* Hosted an interactive online seminar using Zoom to educate students on web page functionalities and digital literacy.

**AWARDS**

* Awarded the NAU International Excellence Award, recognizing exceptional academic achievements among international students.
* Crowned the season's champion in the school's running competition, demonstrating outstanding athletic prowess.
* Secured the runner-up position in the university's annual running competition, showcasing consistent athletic performance and dedication.