VENKATA NIKHIL KARNATI
.NET DEVELOPER
venkata_nikhil.github.io

✉ 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](#))   **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](#))   **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](#))
- Designed and implemented a university website using HTML, CSS, and JavaScript, focusing on responsive design and user-friendly navigation. ([View Code](#))

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.