

VENKATA NIKHIL KARNATI

.NET DEVELOPER

[venkata_nikhil.github.io](https://github.com/venkata-nikhil)

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SUMMARY

- **Intern with 3 months** of hands-on experience in software development, showcasing proficiency in C#.Net. 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

- Used **Git** to maintain the version of the files and took the responsibility to do the code merges and creating new branch and fork when new feature implementation starts.
- Developing Documentation using flowcharts, diagram, codes, and comments throughout the **Software Development Life Cycle (SDLC)**.
- Experience in hosting the websites in Windows server and **FileZilla** application.
- Implemented parameterized user defined functions, procedures and invoking events.
- **AJAX** based **ASP.Net** controls were also used to give a better Interface over the web.

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.