

Ramyanaga Nagarur

407-437-3194 ♦ ramyanaga20@gmail.com ♦ www.linkedin.com/in/ramyanaga-nagarur ♦ [Digital Portfolio](#)

EDUCATION

University of Central Florida:

Aug 2023 – May 2027 | Orlando, Florida

Bachelor of Science in Computer Science, Burnett Honors College

- Awards: UCF President's Honor Roll Certificate (3 semesters), Pegasus Gold Scholar Recipient, and Florida Bright Futures Medallion Scholar
- Cumulative GPA: 4.00/4.00

TECHNICAL SKILLS

- Programming Languages: Python (Machine Learning Concepts), C, Java, HTML, CSS, JavaScript, SQL
- Libraries/Frameworks: React, Next.js, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Tableau, Spring, Material UI
- Tools/Platforms: Windows, Linux, Vercel, Netlify, Node.js, GitHub, VSCode, Code::Blocks, Firebase, SQLite, OpenAI API

EXPERIENCE

Code the Dream

Python Curriculum Developer & Instructor

August 2024 - Present

- Developing a Python curriculum that includes databases, web scraping, data cleaning, wrangling, aggregation, and visualization to provide practical data science skills.
- Integrating hands-on projects to allow students to apply Python in building data-driven applications and enhance their problem-solving abilities.
- Leading weekly classes for 20 students, dedicating 4-5 hours to teaching and mentoring, ensuring a thorough understanding of Python in data science and web development.

Headstarter AI

Fellow

July - Sept 2024

- Developing cutting-edge web apps integrating APIs, Next.js, OpenAI, Pinecone, and Stripe API for dynamic and responsive solutions.
- Created a customer support agent with Next.js, integrating OpenAI and Pinecone, and created a SaaS product for dynamic flashcards with Llama 3.1 LLM and Stripe.
- Receiving expert coaching from leading industry giants including Amazon, Bloomberg, and Capital Engineers, enhancing skills and knowledge.

Junior Knights

Jan-Feb 2024

Teaching Assistant

- Instructed 20 high school students in Python every Saturday from 10 AM-1 PM, creating engaging practice problems and notes, and providing hands-on support to debug and resolve issues.
- Developed curriculum and managed resources by collaborating on design and handling classroom setup for an effective learning experience.

CHEP

July 2022

Logistics Intern

- Conducted a comprehensive two-week analysis of CHEP's regenerative salesforce supply chains, focusing on plastic and wood pallet leaks and losses. Engaged in extensive meetings with CHEP professionals across various fields to gather insights and refine findings.
- Presented detailed Pallet Asset Distribution insights to a diverse group of CHEP industry experts, showcasing strategic recommendations and innovative solutions developed through a collaborative, multi-disciplinary approach.

PROJECTS

AI Customer Support Web App

July 2024

Developer

- Created an AI-powered Support Assistant for Headstarter using OpenAI's GPT models to provide real-time, intelligent user support.
- Developed a responsive web application with Next.js, Material-UI, OpenAI API featuring a chat interface for handling diverse user queries.
- Integrated advanced AI and modern web technologies to enhance user engagement and satisfaction in a technical interview preparation platform.

"All in One" Website

Jan-April 2024

Developer

- Developed a web application for habit tracking and task management, including intuitive 7-day visuals and a comprehensive monthly calendar.
- Integrated real-time weather updates through WeatherAPI, providing location-specific weather information.
- Implemented dynamic functionalities for task and note management using JavaScript, HTML, and CSS, enhancing user experience and interactivity.

Pomodoro Website

Aug-Dec 2023

Developer

- Collaborated on an interactive study website that optimizes study time with a timer and task list, rewarding students with stickers upon completion.
- Utilized HTML, CSS, and JavaScript to design and implement the website's structure, styling, and interactive features.

CAMPUS INVOLVEMENT

- *Girls Who Code* - GWC Mentoring Corps: Mentored young girls in coding, guiding them through projects and building their tech skills.
- *KnightHacks* - Hackathon Participant: Collaborated on innovative projects and attended workshops to enhance technical skills and explore new tech.
- *Knights Nakshatra* - Dance Choreographer & Coordinator: Directed choreography and managed dance performances, demonstrating leadership and teamwork.