

Haren Akula

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EDUCATION

Master of Science, Software Engineering

George Mason University • Fairfax, Virginia • May 2024 • 3.96

• Awarded Distinguished Academic Achievement Award

Bachelor of Engineering, Computer Science Engineering

Maturi Venkata Subba Rao Engineering College(Affiliated to Osmania University) • India • July 2022 • 7.4

EXPERIENCE

Software Engineering Fellow

Headstarter

July 2024 - August 2024, Remote

- Completed an intensive 8 week fellowship, gaining hands-on experience in industry-relevant projects and enhancing leadership, problem-solving, and teamwork skills.
- Expanded professional network through active collaboration and mentorship.
- Collaborated with a team of 3 developers to build multiple projects, integrating OpenAI API and Next.js, resulting in a 35% improvement in project efficiency and user engagement.

PROJECTS

Paws and Tails

- Designed and developed a user-centric front-end for an e-commerce website from concept to completion within 4 months.
- Leveraged HTML, CSS, Bootstrap, and JavaScript to create a visually appealing and user-friendly interface that streamlined the pet product browsing and purchasing experience, reducing time spent navigating by 20%.
- Implemented UI/UX best practices to improve navigation, product search, and checkout processes, enhancing user experience for the Paws & Tails online pet store leading to an increase in UI ratings of the application by 12%.

Personal Portfolio

- Designed and developed a fully responsive portfolio website, enhancing user engagement by 30% through an intuitive UI/UX.
- Leveraged HTML, CSS, and JavaScript to create a dynamic platform that effectively showcases projects, skills, and experience.
- Optimized site performance, achieving a 25% reduction in load times, and ensured 100% cross-browser compatibility.

AI Recipe Generator

- Partnered with a fellow developer to create an AI-powered recipe generator, enhancing user satisfaction by 20% through a streamlined and user-friendly interface built with Next.js.
- Integrated the OpenAI API, reducing recipe generation time by 40% and increasing reliability by 25%, ensuring seamless performance for end users.
- Deployed the application on Vercel, reducing deployment time by 30%. Managed version control with GitHub, improving collaboration efficiency by 20% through streamlined code management.

CERTIFICATIONS

Python and its data structures

IIT Bombay

PostgreSQL

Coursera • 2023

Certified AWS academy graduate in AWS cloud foundations course

AWS • 2021

CCNA IT ESSENTIALS

Cisco • 2020

SKILLS

Programming languages: Java, Python, C++, JavaScript, HTML, CSS, Bootstrap, PostgreSQL, SQL, JavaScript.

Tools & Frameworks: Jupyter Notebook, Google colab, VS Code, Spring, IntelliJ, Postman, AWS, Git Version Control.