Raghava Kami Reddy Vasa

Skillman, NJ

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 https://github.com/RaghavaKamu 🌐 https://raghavareddy-portfolio.web.app

PROFESSIONAL SUMMARY

Emerging Software Engineer with a strong foundation in web development, machine learning, and IoT-based automation. Proficient in C++, Python, Java, and Ruby on Rails, with hands-on experience in full-stack development. Passionate about designing scalable, secure solutions while optimizing data pipelines and enhancing customer experiences. Adept at working in agile environments, continuously learning new technologies, and contributing to high-impact software solutions.

EDUCATION

New Jersey Institute of Technology   *Newark, NJ*
Master of Science in Computer Science   Expected Dec 2025

Vellore Institute of Technology   *Vellore, TN*
Bachelor of Technology in Computer Science   July 2019 - May 2023

TECHNICAL SKILLS

- **Programming Languages**: C++, Python, Java, C, Ruby
- **Web Development**: HTML, CSS, JavaScript, React.js, Ruby on Rails
- **Frameworks & Tools**: Django, Spring Boot, Git, GitHub
- **Cloud & DevOps**: AWS, Azure, TCP/IP Networking
- **Machine Learning & AI**: AI/ML Algorithms, Sentiment Analysis
- **IoT & Embedded Systems**: Arduino, Sensors, Hardware Integration

EXPERIENCE

CORIZO
Project Intern   Oct 2022 – Mar 2023
- **Developed foundational software skills**: Contributed to securing further technical opportunities

IEEE NPS India
Technical Core Committee Member   Jul 2021 – Jan 2023
- **Organized technical workshops**: Managed mentoring sessions for students
- **Collaborated on research projects**: Worked on innovative tech solutions

PROJECTS

Drug Evaluation in Medicine Recommendation System   *Python, Django, MySQL*
Machine Learning, Sentiment Analysis
- **Built a machine learning model**: Predicted drug effectiveness for patients
- **Implemented a sentiment analysis system**: Analyzed user reviews on medicines

Automated Irrigation System using IoT   *Python, Arduino, Sensors*
IoT, Machine Learning
- **Developed a smart irrigation system**: Analyzed soil and climate conditions
- **Implemented automation**: Controlled water supply based on environmental data

Dental Care Centre Website   *HTML, CSS, Node.js, MongoDB*
Web Development, Appointment System
- **Designed a responsive website**: Enabled online doctor appointments
- **Integrated backend services**: Ensured secure user authentication

CERTIFICATIONS

- **Full Stack Developer Certification**: Microsoft
- **Machine Learning Internship**: Corizo