

RAMAKRISHNA REDDY VENNAM

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PROFESSIONAL SUMMARY

A highly motivated and detail-oriented software engineer with 5+ years of experience in developing scalable web applications and microservices. Proficient in JavaScript, Python, and cloud technologies like AWS and Azure. Strong problem-solving skills and a passion for learning new technologies. Seeking a challenging role where I can contribute to innovative projects and grow professionally.

EDUCATION

University of South Florida, Tampa

Bachelor of Science in Computer Science
(Aug 2020 – May 2024)
GPA: 3.5

CORE COMPETENCIES

- Machine Learning & AI**: Proficient in Python, TensorFlow, and Scikit-Learn. Experience in building recommendation systems and sentiment analysis models.
- Big Data & Analytics**: Skilled in Hadoop, Spark, and data visualization tools like Tableau. Experience in processing large datasets and generating actionable insights.
- Programming**: Strong foundation in JavaScript, Python, and Java. Proficient in web development frameworks like React and Node.js.
- Cloud & MLOps**: Experienced with AWS, Azure, and Google Cloud. Knowledge in containerization (Docker, Kubernetes) and CI/CD pipelines.
- NLP & Computer Vision**: Experience in implementing NLP models for chatbots and image classification using OpenCV and PyTorch.
- Data Engineering**: Skilled in ETL processes, data warehousing, and working with data lakes.
- Visualization & BI**: Proficient in creating interactive dashboards and reports using PowerBI and Tableau.
- DevOps & Deployment**: Experience in deploying applications to production environments using Jenkins, Docker, and Kubernetes.

WORK EXPERIENCE

SuperINTRO | AI Full-Stack Engineer (Nov 2023 – Present)

Project: AI-Powered Recommendation System

- Designed and implemented a recommendation engine using collaborative filtering and matrix factorization techniques.
- Developed a scalable web application using React and Node.js, integrating the recommendation system.
- Optimized the system for performance, reducing load times by 30% through caching and database optimizations.
- Collaborated with the product team to gather requirements and deliver a user-friendly interface.

Sutherland Global Services | Junior Software Engineer (Mar 2022 – Jun 2023)

Project: Customer Portal Redesign

- Contributed to the redesign of the customer portal, focusing on improving user experience and navigation.

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SHIAASH INFO SOLUTIONS | Junior Software Engineer (May 2021 – March 2022)

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PROJECTS

Generative AI-Powered Search System (Sep 2022 – Nov 2023)

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Deep Learning & OCR – Number Plate Detection (Sep 2022 – Nov 2023)

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AI-Driven Article Recommendation System (Mar 2022 – Sep 2022)

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CERTIFICATIONS

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AVAILABILITY

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