

SANDEEP KOMMINENI

Junior Software Engineer (AI/ML, Full-Stack, Cloud)

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Profile Summary

- Proven ability in developing AI/ML solutions and full-stack applications with cloud integration
- Proficient in creating scalable cloud infrastructure and optimizing system performance
- Strong command over AI/ML technologies and modern development frameworks

Relevant Coursework

Data Structures • Algorithms • Machine Learning • Cloud Computing • Full-Stack Development • AI/ML • Data Analysis

Experience

AWS Academy

Jan 2024 – Mar 2024

Cloud Computing Intern

Remote

- Engineered cloud infrastructure using AWS services, reducing deployment time by 20%
- Implemented automated resource management workflows, improving efficiency by 15%
- Achieved AWS Cloud Practitioner certification through hands-on project implementation

Projects

Sustainable Living Education Platform

[GitHub Link](#)

- Developed a platform to promote eco-friendly living through education and community tools
- Incorporated interactive resources to engage users and foster sustainable practices
- Used MySQL for backend data handling, optimizing for resource-heavy data queries

Anime Rador

[Live Demo](#) & [GitHub Link](#)

- Built a recommendation engine for anime enthusiasts to explore personalized content
- Integrated advanced search filters and real-time updates via external APIs
- Hosted the application on Netlify for seamless accessibility

Amazon ML Challenge 2024

[GitHub Link](#)

- Designed and implemented a machine learning model for entity value extraction with 90% accuracy
- Enhanced model efficiency with targeted feature engineering, boosting F1 scores by 15%
- Conducted iterative testing and validation to ensure deployment readiness

Technical Skills

Cloud & Infrastructure: AWS (EC2, S3, Lambda), Azure, Cloud Architecture

Frontend: React.js, HTML5, CSS3, JavaScript ES6+, Tailwind CSS

Backend: Node.js, Express.js, MongoDB, RESTful APIs, GraphQL

AI/ML: Python, TensorFlow, Scikit-learn, Pandas, NumPy

Tools: Git, Docker, VS Code, JIRA, Kubernetes

Education

K L University

2022 – 2026

B.Tech in Computer Science and Engineering

Specialization: Artificial Intelligence & Machine Learning

Certifications & Achievements

- [AWS Cloud Practitioner](#) (May 2024 – May 2027)
- [Salesforce Certified AI Associate](#) (May 2024)
- Amazon ML Challenge 2024: Achieved 90% accuracy in entity value extraction
- Enhanced ML model F1 score by 15% through improved feature engineering