

# VANGIMALLA ROOPESWARA SAI REDDY

Tirupati, India

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GitHub — LinkedIn — Portfolio

## Summary

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Computer Science undergraduate with practical experience in full stack web development, AI fundamentals, and cloud computing. Proficient in Java, Python, JavaScript, and AWS, with a strong interest in building scalable and reliable software systems.

## Technical Skills

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**Languages:** Java, Python, JavaScript, C

**Web:** HTML5, CSS3, React.js, Node.js, REST APIs

**Cloud & DevOps:** AWS (EC2, S3, Elastic Beanstalk), Git, CI/CD

**Databases:** MySQL, MongoDB

**AI / ML:** Scikit-learn, TensorFlow (basic)

**Tools:** VS Code, Postman, GitHub, Figma

## Internships

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### Artificial Intelligence & Cloud Technology Intern

Sep–Oct 2025

AICTE (Edunet Foundation)

- Learned AI fundamentals and cloud computing concepts with practical exposure.

### Front End Web Development Intern

Aug–Sep 2025

AICTE (Edunet Foundation)

- Built responsive web interfaces using HTML, CSS, and JavaScript.

## Projects

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### AI Agents for Productivity & Tutoring

2025

- Built a multi-agent AI assistant using Python and AutoGen with voice input and scheduling.

### AWS Hosting Architecture Design

Jul 2025

- Designed scalable cloud architecture using AWS Elastic Beanstalk, EC2, and S3.

### GenAI Powered Data Analytics

Aug 2025

- Performed exploratory data analysis and AI-based risk profiling.

### Web Development Projects

- Developed responsive websites and interactive UI components using HTML, CSS, and JavaScript.
- Live/demo repositories and source code: roopeswara-web-projects (demo), roopeswara-web-projects-2

## Education

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### B.Tech in Computer Science & Engineering

Expected 2028

Amrita Vishwa Vidyapeetham, Chennai

Relevant Coursework: Data Structures, Web Development, Operating Systems

### Intermediate (Class XII)

2023 — 79.4%

Sri Chaitanya Junior College, Tirupati

### SSC (Class X)

2021 — 86.5%

Sri Chaitanya School, Rayachoti

## Certifications

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Oracle Certified: MySQL Fundamentals, Oracle – July 2025

OCI AI Foundations Associate, Oracle – July 2025

AWS APAC Solutions Architecture Virtual Experience, Forage – July 2025

Oracle Cloud Infrastructure 2025 Certified Foundations Associate, Oracle – Aug 2025

## Interests

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Full Stack Development — AI Engineering — Cloud Architecture