

Potla Raghu Varun

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GitHub

LinkedIn

Portfolio



EDUCATION

- Bachelor of Technology in Computer Science and Engineering** 2021-2025
Koneru Lakshmaiah Education Foundation **CGPA: 9.83**
- Board Of Intermediate Education** 2019-2021
Sri Chaitanya Junior College **Marks: 957**
- Board Of Secondary Education** 2019
Sri Chaitanya School **CGPA: 9.8**

SKILLS

Languages: C, Java, HTML5, CSS
Database Technologies: MongoDB, MySQL
Tools: Git, Github, AWS, GCP
Frameworks: React.js, Django, Express.js, Spring Boot

PROJECTS

Smart City Management

Engineered a smart city management platform that integrates urban services to enhance city living through seamless service delivery.

- Created a highly functional user interface for city officials, enhanced the management of urban services, leading to improved citizen satisfaction.
- Built an innovative urban service management system with Spring Boot and MySQL, facilitating seamless integration of new features.
- Key Technologies: Spring Boot, MySQL, Spring Data JPA, HTML, CSS, Stripe

Enterprise Resource Planning

Developed a React-based web application for universities to manage student information, reducing administrative workload.

- Engineered a comprehensive ERP system for university administration, streamlining operations across various departments including admissions, academics, finance, and student services.
- Leveraged React.js for a responsive frontend and Express.js for robust backend services, ensuring a seamless user experience and efficient data management.
- Technology Used : React.js, Express.js, MongoDB

AmpliPower: AWS Serverless Power Calculator Project

Designed and Deployed a power calculation website with AWS serverless solutions.

- Applied AWS Amplify to streamline front-end development and deployment. Executed AWS Lambda functions to handle backend logic and calculations.
- Configured API Gateway for secure and scalable API management, Integrated DynamoDB for efficient data storage.
- Services: AWS Amplify, Lambda, API Gateway, DynamoDB, IAM

EXPERIENCE

- Cloud Computing Peer Mentor Lead** KL University, Vijayawada June 2023 - June 2024
 - Led a team of 40 cloud computing Peer Mentors.
 - Managed the execution of cloud-based projects and delivered technical demos to 10+ peer mentors.
 - Organized over 15 training sessions that enhanced team proficiency.
- Director at Kognitiv Technical Club** KL University, Vijayawada Aug 2023 - ongoing
 - Spearheaded and facilitated workshops for 150 students.
 - Collaborated with local tech clubs, increasing student participation by 50% and enhancing cross-club project opportunities, thereby enriching the learning experience.

CERTIFICATIONS

- AWS Certified Cloud Practitioner**
- AWS Certified Developer Associate**
- Red Hat Certified Enterprise Application Developer**