

# 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.*

- Developed a user-friendly interface for city officials and residents, improving accessibility and efficiency in managing urban services.
- Architected an innovative system using 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.
- Utilized 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 implemented a power calculation website with AWS serverless solutions.*

- Utilized AWS Amplify to streamline front-end development and deployment. Implemented 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.
  - Directed the execution of cloud-based projects and delivered technical demos to 10+ peer mentors.
  - Conducted over 15 training sessions that enhanced team proficiency.
- **Director at Kognitiv Technical Club** KL University, Vijayawada Aug 2023 - ongoing
  - Coordinated 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**