

# Charugundla Paavan Sai

paavansai3002@gmail.com | 9347741014

Vijayawada, India

LinkedIn: Charugundla Paavan Sai | GitHub: Charugundla Paavan Sai

## SKILLS

**Programming:** Python (OOP Concepts), JavaScript, Shell Scripting, SQL, HTML, CSS

**Cloud Platforms:** AWS (Management, Cost Optimization, Security), Cloud Architecture, AWS CLI, Automation

**Other Skills:** GitHub (Version Control, Collaboration), Agile Methodologies, Continuous Integration/Continuous Deployment (CI/CD), RESTful APIs

**General:** Strategic Thinking, Data Structures and Algorithms (DSA), Innovation, Problem-Solving, Team Collaboration

## PROJECTS

### Farm2House (2023)

Developed a responsive website using HTML, CSS, JavaScript, and PHP. Enhanced user experience with a mobile-first design approach and integrated secure payment gateways. Improved skills in front-end and back-end web development, and database management.

### Portfolio (2024)

Created a personal portfolio website emphasizing cross-browser compatibility using HTML, CSS, and JavaScript. Gained expertise in responsive web design, SEO best practices, and web performance optimization. Improved understanding of user interface (UI) and user experience (UX) design principles.

### Cloud Infrastructure Management (2024)

Designed, configured, and managed public/private cloud infrastructures using Amazon Web Services (AWS), including VPC, EC2, S3, CloudFront, and ELB (Elastic Load Balancer). Acquired skills in cloud architecture, cost optimization, security best practices, and automation using AWS CLI and SDKs.

## PROFILE

Dedicated self-learner immersed in cloud platforms, Python programming, and Linux systems. Enthusiastic about mastering technology to innovate and solve complex problems. Adept at working in collaborative environments and delivering efficient, high-quality solutions.

## CERTIFICATIONS

### AWS Cloud Practitioner, Coursera (2024)

Foundational knowledge of AWS services, billing, security, and architecture. Skilled in managing AWS resources, optimizing costs, and implementing robust security measures to ensure data integrity and compliance.

## EDUCATION

### PSCMR COLLEGE OF ENGINEERING AND TECHNOLOGY

#### B.TECH IN COMPUTER SCIENCE AND ENGINEERING

2021 - 2025

CGPA: 8.0 / 10.0

### Python, Log2Base2 (2023)

Proficient in Python programming with expertise in data manipulation, scripting, and automation for diverse applications. Developed skills in web development, data analysis, and machine learning algorithms. Enhanced problem-solving abilities and efficiency in writing clean, maintainable code.

### SRI BHAVISHYA JUNIOR COLLEGE

#### CLASS 12

2019 - 2021

GPA: 8.5 / 10.0

### Data Structures and Algorithms, Log2Base2 (2023)

Proficient in implementing efficient data structures and algorithms to solve complex problems with optimal time and space complexity. Skilled in analyzing, designing, and optimizing algorithms for various applications, ensuring scalability and performance.

## LANGUAGES

English (Fluent), Telugu (Fluent), Hindi (Basic)