

# Venkata Prasad Pandilla

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LinkedIn | GitHub

## Skills Summary

- **Programming Languages:** Java, Python, JavaScript (ES6+)
- **Data Structures & Algorithms:** Arrays, Strings, Linked Lists, Stacks, Queues, Recursion, Sorting, Searching
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Bootstrap
- **Databases:** MySQL, MongoDB, SQL
- **Cloud Platforms:** AWS (EC2, S3, IAM – Basics)
- **Platforms & Tools:** Git/GitHub, Visual Studio Code, Jupyter Notebook, PyCharm
- **Other Skills:** REST API Development, CRUD Operations, Data Visualization, Responsive Web Design

## Education

<b>Aditya University</b>	Andhra Pradesh, India
Master of Computer Applications   CGPA: 8.80/10.0	2024 – 2026
<b>Sri Venkateswara Degree College</b>	Andhra Pradesh, India
Bachelor of Commerce	2019 – 2023
<b>Master Minds Junior College</b>	Andhra Pradesh, India
Intermediate – MEC   CGPA: 9.67/10.0	2017 – 2019
<b>Sri Samshkruti School</b>	Andhra Pradesh, India
SSC   CGPA: 9.8/10.0	2016 – 2017

## Experience

<b>Full Stack Developer Intern   Technical Hub</b>	02-06-2025 – 26-08-2025
• Developed 3 MERN stack applications for 100+ users, reducing manual task effort by 40%.	
• Structured 12+ REST APIs with CRUD operations and implemented JWT authentication with role-based access.	
• Designed 25+ responsive React components and optimized issue tracking, cutting resolution time by 60%.	

## Projects

<b>ETrack – College Property Management System</b>	Visit here
• Created a campus asset tracking system managing 500+ devices across 10+ locations.	
• Enabled real-time complaint tracking, reducing resolution delays by 30% and manual work by 70%.	
• Constructed using React, Node.js, Express.js, MongoDB, and WebSockets.	
<b>AI-Powered Spam Mail Detection System</b>	Visit here
• Engineered a Naïve Bayes spam detection model achieving 90%+ accuracy on 1000+ emails.	
• Applied text preprocessing and Bag-of-Words techniques, improving efficiency by 30%.	
• Configured using Python, Flask, Machine Learning, and NumPy.	
<b>Personal Developer Portfolio Website</b>	Visit here
• Built a responsive portfolio showcasing projects with live demos and GitHub links.	
• Optimized performance for fast load times and global accessibility.	
• Crafted using React, Tailwind CSS, and deployed on Vercel.	

## Certifications

<b>AWS Cloud Practitioner Essentials (Coursera)   CERTIFICATE</b>
• Learned core cloud computing concepts, AWS global infrastructure, and shared responsibility model.
• Gained hands-on understanding of AWS services including EC2, S3, IAM, and basic cloud security.
• Explored AWS pricing models, cost optimization strategies, and foundational cloud best practices.