

# Babu Sravan Siddartha Mudili

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## SKILLS

- **Languages:** C++, Python, Shell script, Java, HTML, CSS, JavaScript
- **Tools/Platforms:** AWS, Linux Systems, Docker, Jenkins, Git, MySQL
- **Soft Skills:** Creativity, Critical-Thinking, Informative, Project Management, Adaptability

## PROJECTS

- **Speech Recognized Linux Automation Tool:** Jan 2025 - Feb 2025
  - Developed a Python automation tool that executes Linux commands using voice input, improving accessibility for non-technical users.
  - Integrated Gemini API to process speech-to-text and generate dynamic shell scripts that will be executed.
  - Enabled automation of repetitive system administration tasks, reducing manual input effort by 40%.**Tech:** Python, Gemini API, Shell Scripting, Linux System Administration
- **AWS Three-Tier Architecture for Web Hosting:** Jan 2025
  - Deployed a Three-Tier Architecture using AWS services, implementing Automation to host a login page with a database for managing user information, optimizing resource utilization and enhancing scalability.
  - Automated system monitoring using AWS Lambda, enhancing system reliability and performance.
  - Utilizes AWS Auto Scaling and Classic Load Balancer to efficiently manage traffic fluctuations improving uptime by 99.9%.**Tech:** AWS EC2, AWS ELB, AWS Lambda, AWS RDS, Python
- **Custom Linux Operating Environment:** Dec 2023 – Feb 2024
  - Configured Arch Linux distribution, improving it for performance, security, and personal workflow.
  - Optimized systemd services, and package management to enhance efficiency and reduce bloatware. Configured firewall rules and networking tools for a stable and secure system.
  - Obtained a deep understanding of Linux system administration, system design, and performance tuning for an optimized and efficient computing environment.**Tech:** Linux Administration, Shell Scripting, Networking, Systemd, Git

## CERTIFICATES

- Microsoft Certified: Azure Administrator Associate Mar 2025
- Social Networks by NPTEL Dec 2024
- Data Structure and Algorithms by Programming Pathshala Aug 2024
- Database Management Systems by NPTEL May 2023

## Extra-Curricular Activities

- **Social Media Manager of ConversE+ Club at LPU** Oct 2023 – May 2024  
Managed Social Media pages of an Oration Club in the University.

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.99 Since August 2022
- **Narayana Junior College** Vizianagaram, Andhra Pradesh  
Intermediate; Percentage: 91.3% April 2020 - March 2022
- **Sri Chaitanya Techno School** Vizianagaram, Andhra Pradesh  
SSC 10<sup>th</sup> Grade; Percentage: 98% April 2019 - March 2020