Shankar Subhan Singh Bondili

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PROFILE SUMMARY

Highly driven engineering graduate with hands-on experience in Linux, AWS, automation, and system-level problem solving. Skilled in debugging, scripting, and analyzing infrastructure issues with a strong mindset for learning and delivering reliable solutions.

EDUCATION

- **Indian Institute of Information Technology DM, Kancheepuram** Chennai, India
  B.Tech in Computer Science and Engineering *Nov 2021 – May 2025*

- **Sri Chaitanya Junior College** Vijayawada, Andhra Pradesh
  Senior Secondary, Percentage: 92.5 *Apr 2019 – Mar 2021*

INTERNSHIP EXPERIENCES

- **WBL Project Intern – (IoT Sand Box):** *[ERNET INDIA]* *Feb–July 2025*
  Built a secure virtual IoT Sandbox to simulate networks, protocols, and security scenarios. Automated device communication and tested vulnerabilities, enabling safer and more reliable IoT deployments.

PROJECTS

- **AWS Infrastructure Automation Monitoring** *[AWS EC2, CloudWatch, Bash, Linux]* *Nov 2025*
  Description: Deployed a resilient EC2-based web server hosting a dynamic dashboard using Nginx and PHP.
  Technologies used: AWS EC2, CloudWatch, Bash, Linux, Nginx, PHP.
  Features: Engineered a custom Bash automation suite to track system health metrics (CPU/Memory) and integrated AWS CloudWatch for centralized logging and observability.

- **Traffic Sign Detection** *[YOLOv5, CNN]* *Oct–Feb 2025*
  Description: Created a real-time traffic sign recognition system that converts visual signals into audio alerts for visually impaired users.
  Technologies used: YOLOv5, CNN, Text-to-Speech (TTS).
  Features: Achieved 90%+ accuracy on GTSRB dataset and enabled immediate audio feedback enhancing accessibility.

- **Ecommerce Web Automation Testing Framework** *[Java, Selenium, TestNG, Maven]* *Nov 2025*
  Description: Built an end-to-end automation suite for the Demo Web Shop application, covering the full checkout flow using a robust Page Object Model (POM).
  Technologies used: Java, Selenium WebDriver, TestNG, Maven.
  Features: Developed reusable test components to improve maintainability, reduce duplication, and enhance test reliability.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, SQL, JavaScript, HTML, CSS,Java.

- **Frameworks/Libraries/Tools:** NumPy, Pandas, Matplotlib, PyTorch, Power BI, Excel.

- **Course Work :** OOP, DBMS, CN, OS, ML, IoT, TOC, SE, Cloud, DSA.

CERTIFICATIONS

- JOY OF COMPUTING PYTHON (**NPTEL**).

- INTRODUCTION TO BLOCK CHAIN (**IBM**).

- SOCIAL NETWORKS (**NPTEL**).

KEY ACHIEVEMENTS

- Achieved Top 20 Global Rank in SHL Intern Hiring Assessment 2025 (Kaggle) by building an NLP-driven grammar scoring engine for spoken audio.

- Successfully completed Google's 5-Day AI Agents Intensive, building a fully functional multi-agent system with MCP tools, context engineering, tracing & evaluation.