

Shankar Subhan Singh Bondili

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EDUCATION

- **Indian Institute of Information Technology DM, Kancheepuram** Chennai, India
Nov 2021 – May 2025
B.Tech in Computer Science and Engineering
- **Sri Chaitanya Junior College** Vijayawada, AP
2019 – 2021
Senior Secondary (92.5%)

INTERNSHIP EXPERIENCE

- **WBL Project Intern – ERNET INDIA** Feb–July 2025
Designed and built a secure virtual IoT Sandbox for simulating networks, protocols, and security tests.
 - Automated device interaction workflows and packet-monitoring scripts.
 - Performed device vulnerability assessments and communication reliability tests.

PROJECTS

- **Ecommerce Web Automation Testing Framework** [*Java, Selenium, TestNG, Maven*] Nov 2025 — GitHub
End-to-end automation suite for Demo Web Shop covering full checkout flow using robust POM.
 - Built reusable components improving maintainability and reducing duplication.
- **GitHub Repository Search & Bookmark** [*React, TypeScript, Vite*] Sept–Oct 2025 — GitHub
Modern repo search app with bookmarking debounced query performance optimization.
 - Implemented debounced search, filtering, and fast-render state management.
- **IT Helpdesk Automation Agent — Multi-Agent Enterprise System** [*Python, Flask, MCP-Tools*] Nov 2025 — GitHub
Automated IT ticket triage, diagnostics safe fix execution using coordinated agents.
 - Built coordinator + sub-agents for triage, diagnostics, fixes KB retrieval.
 - Integrated MCP-style tools for ping, system metrics log search.
- **Netflix-GPT** [*React.js, JavaScript, NLP*] Mar–May 2024 — GitHub
AI-based movie assistant with semantic recommendations through natural language queries.
 - Implemented semantic matching faster inference-based recommendation logic.

TECHNICAL SKILLS

- **Skills:** Python, Java, C/C++, SQL, OOP, DSA, Debugging
- **Frameworks & Tools:** React.js, Node.js, FastAPI, Selenium, TestNG, Maven, Git/GitHub
- **Coursework:** Operating Systems, DBMS, Computer Networks, Algorithms, Computer Architecture

CERTIFICATIONS

- JOY OF COMPUTING PYTHON (NPTEL)
- INTRODUCTION TO BLOCKCHAIN (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.