Venkat L. Turlapati

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LinkedIn | GitHub | LeetCode | Portfolio

Skills & Certifications:

- **Programming Languages**: Python, Dart, TypeScript, PHP, SQL
- **Frameworks/Tools**: ServiceNow, Node.js, Angular, Flutter, TensorFlow
- **Databases**: MongoDB, PostgreSQL
- **Certifications**: 2 x AWS Certified (Cloud Practitioner, Data Engineer)
- **Other**: Figma, Docker, Git, Cursor

Professional Experience:

Software Developer | NeniTech Systems Pvt. Ltd., India
July 2022 – July 2024
Client: Church & Dwight Co., Inc.

- Built a ServiceNow portal in Angular. The portal featured a clean, friendly design with easy-to-use forms, smart search for finding solutions quickly, and a simple way to track request progress
- Developed an automated system for managing contingent worker accounts, sending managers clear email alerts before expiration with options to extend or end access.
- Provided numerous solutions and enhancements using ServiceNow server scripts, scripted REST APIs, and business rules. Led integrations with Workday to streamline onboarding and offboarding processes.
- Reduced process turnaround time by 35%, enhancing operational efficiency.

Intern | Coign, India
January 2019 – April 2019

- Assisted in building a movie recommendation system using TensorFlow and Python to provide personalized content suggestions
- Improved user retention by 20% through enhanced recommendation accuracy.

Academic and Personal Projects:

Smart Fabric for Healthcare Monitoring

- Created a smart wearable device with IoT sensors (ESP32) to capture vitals, store data in MongoDB, and alert doctors of anomalies via a notification system with real-time dashboards.
- Secured electronic health records (EHR) using Ethereum blockchain and Solidity smart contracts; showcased at Smart India Hackathon, winning 2nd place.

Financial Inclusion Platform

- Designed a credit scoring platform, utilizing synthetic data to analyze alternative data sources like rent payments, utility bills, and subscriptions.
- Trained a custom model with a weighted algorithm (40% payment history, 30% income stability, 20% expense consistency, 10% debt-to-income ratio) to generate real-time credit scores.
- Built an interactive dashboard for score visualization, offering users actionable insights to improve creditworthiness and increasing credit accessibility for the under-privileged.

Clubs and Organizations:

Technology Officer | AWSxUTD Club

- Organized workshops, seminars on cloud computing, teaching AWS services to over 150 students alongside hands-on sessions.

Web Developer | Code.exe

- Designed and developed the club's website, added member registration features, and streamlined event updates.

Member | The Product Base Club

- Contributed to product-driven innovation and prototyping.

Education:

The University of Texas at Dallas, Dallas, TX
Master of Science in IT Management |*May 2026*
Osmania University, Hyderabad, India
Bachelor of Engineering in Computer Science & Engineering | *May 2022*

Additional Information:

Eligibility: Eligible for Curricular Practical Training (CPT) or Optional Practical Training (OPT) related to my field of study for up to 12 months.