

# Abhishek Dvs

Senior Software Engineer | Full-Stack | Low-Network Architectures

5+ years building scalable logistics and payments platforms. Proven track record of delivering high-availability production systems for national postal operators across emerging markets.

adwivadula@gmail.com

abhstack.pages.dev

Hyderabad, India

5+

YEARS EXPERIENCE

10+

COUNTRIES DEPLOYED

360x

QUERY SPEEDUP

10k+

DAILY TRANSACTIONS

## Career Trajectory

### Senior Software Engineer @ Reason Solutions

Jan 2021 - Present

- Architected cross-platform logistics systems for national operators across 10+ countries, optimizing for low-connectivity environments.
- Designed offline-to-online last-mile delivery architecture with live mapping, barcode scanning, and multi-mode payments.
- Bridged Java native modules to React Native for hardware receipt printing in POS systems.
- Engineered data compression strategy reducing payload by 40%, guaranteeing 100% ingestion fidelity.
- Elevated enterprise security audit scores from F to A.

### Grading Assistant @ Missouri S&T

Sept 2017 - June 2018

- Evaluated Data Structures & Algorithms coursework, supporting 40+ students per semester.

## Selected Architectures

### Igris / Beru | Resilient AI System

Fault-tolerant, RAG-based conversational AI and automated agent featuring multi-provider LLM fallbacks for high availability.

Node.js Express LangChain RAG

### Traata | Encrypted Vault

Privacy password manager. End-to-End encrypted cross-platform architecture with zero-knowledge client encryption and CRON jobs.

React TypeScript AES-256-GCM

### PostGlobal Go | Android POS

Portable POS solution adopted by multiple national operators, integrating hardware biometrics & receipt printing via Java bridges.

React Native Java Mobile POS

## Domain Focus

Frontend & Mobile (95%)

Backend & AI (85%)

System Architecture (85%)

Cloud & Infra (75%)

Data & DBs (65%)

## Primary Stack

Frontend: React, React Native, Next.js, TypeScript, Tailwind CSS

Backend: Node.js, Express, Python, FastAPI

Data/Infra: PostgreSQL, MS SQL Server, Docker, AWS

F → A

Security Upgrade

50%

Data Loss Fixed

40%

Support Reduced via AI

10k+

PosBru Users

## Education & Certs

### B.Tech, Electronics & Communication

CVR College of Engineering, India

### Graduate Coursework

Missouri S&T, UNC Charlotte

- Google Cloud Generative AI Leader
- Google Cybersecurity Professional V2