

Abhishek Dvs

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Full-Stack Engineer with 4.5+ years' experience across Web, Android, and iOS development & troubleshooting. Workplace Tech Mentor and Open Source Project Maintainer.

link

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, SQL, GraphQL

Frameworks & Libraries: ReactJS, React Native, NextJS, Express, Flutter, Tailwind CSS, Electron.js, LangChain.js, FastAPI, Django

Networking & Security Tools: TCPDump, Wireshark, Splunk, Google Chronicle

Tools & Utilities: Git, Docker, Figma, Yarn, Postman

Platforms & Services: NodeJS, Firebase, MongoDB, SQL Server, MySQL, Azure Cosmos DB, AWS

Operating Systems: Linux (Arch-based, Debian-based)

EDUCATION

- CVR College of Engineering - Bachelor of Technology - Hyderabad, India
- Graduate Studies (uncompleted) - MST Rolla, UNC Charlotte

CERTIFICATIONS

- Google Certified CyberSecurity Professional
- Mastercard - Forge Certified Cybersecurity Job Simulation

LANGUAGES

English (Fluent), Hindi (Bilingual), Telugu (Bilingual), Japanese (Conversational)

WORK EXPERIENCE

Senior Developer, Reason Solutions Pvt Ltd

Jan 2021-Present

- Led full-stack development and deployment of Android, iOS, and web-based postal applications across 8+ countries, including Mauritius Post, Malawi Post, Zambia Post, EthioPost, Botswana Post, Barbados Post, Trinidad and Tobago Post and Eswatini Post.
- Delivered scalable solutions for tracking, scheduling, postbox management, payments, and logistics, improving operations across **1000+ postal offices**.
- **Developed Last Mile Delivery apps used across 6+ countries to digitize doorstep logistics[1]**, including pickup/drop handling, package ownership transfer, biometric validation, barcode scanning, and digital payments (COD, card, wallet). Enabled delivery agents to access real time reports and streamline on-site workflows.
- Launched **MauPost**, an **Android/iOS** app for Mauritius Post with **3,000+ installs in the first month**, improving visibility into deliveries, pickups, and payment workflows.
- Shipped **PostGlobal Go**, a portable post office app with receipt printing and POS integrations, used across multiple nations.
- Led development of **Myra AI**, an intelligent postal assistant designed to automate customer interactions and reduce manual work.
- Redeveloped **PostGlobal** as a cross-platform web and desktop app, enabling OS-agnostic usage in low-infrastructure environments.
- Integrated multiple payment systems including MIPS, Mastercard, Mobile Money, Airtel Wallet and COD for region-specific compliance.
- Represented Reason Solutions at the **10th SAPOA Postal Conference (2023)**, showcasing innovations adopted by **14+ countries**.

Grading Assistant (Part-Time)

Sept 2017 - June 2018

- Evaluated and graded student assignments and lab submissions in Data Structures and Algorithms coursework.
- Collaborated with faculty to improve learning resources and provide feedback to over 40+ students per semester.

PROJECTS

Traata – Privacy-Focused Password Manager

traata.pages.dev

- Built a secure password manager with encrypted credential storage and optional cloud sync.
- Designed a minimal, distraction-free UI focused on fast and simple password management.

Linux Terminal Sandbox

terminalsandbox.pages.dev

- Built a secure browser-based Linux terminal supporting real command execution with command whitelisting and session-based sandboxing.
- Designed for education, CTFs, and experimentation with safe shell environments (Arch/Debian), featuring real-time output via WebSockets.

BlunderBot – Chess Engine

blunderbot.pages.dev

- Created a modular chess bot with Stockfish integration, move suggestions, and rule enforcement (checkmate, stalemate, repetition).
- Added board theming, behavior tweaks, and real-time human vs. bot gameplay.