DINESH SRISANTH ADARI

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EDUCATION

B.Tech, Computer Science & Engineering - Honors · KL University *Vaddeswaram, AP | 2022 - 2026*

- Cumulative GPA: **8.88 / 10.00** · Relevant coursework: Blockchain, Cybersecurity, Operating Systems, Data Analysis
- Teaching Assistant - Blockchain (undergraduate course)

EXPERIENCE

Founder & CEO · mycrux *Visakhapatnam, AP | Jan 2025 - Present*

- Founded a fashion-tech D2C marketplace; currently in **pre-seed fundraising** phase with GSTIN & Udyam MSME certification.
- Architected **Symmety**: 3D body miniature from 3 to 4 photos enabling virtual try-on with **91.1% size accuracy**; integrated skin tone extraction and VR try-on to reduce return rates.
- Built **Cruxy AI**: fashion assistant that fuses skin tone, live weather forecast (±1 day), and occasion context to generate personalized outfit recommendations in real time.
- Engineered **Crux Score**: seller trust enforcement engine - detects fake reviews/specs; enforces tiered penalties (COD removal → product delisting → permanent ban) to maintain catalog integrity.
- Designed dual-sided **Crux Creds** credit economy: buyers earn via Cruxy Game and redeem at checkout; sellers redeem for ad impressions and membership discounts.
- Delivered full platform across **5 production subdomains** (B2C marketplace, B2B seller dashboard, investor portal, blog); published 9,000+ word unit economics deep-dive and DPDP Act–compliant privacy policy.

Technologies: Go · Rust · Next.js 14 · React · Tailwind v4 · MongoDB · Node.js · Kotlin · Java

Blockchain Engineer · Orbii (IIT Client Project) *Remote | Apr 2025 - Jun 2025*

- Built blockchain-based payment infrastructure for **secure, transparent financial flows**; implemented on-chain fraud prevention mechanisms and aligned with regulatory compliance requirements.

Technologies: Solidity · Rust · PHP · MySQL · React.js

Blockchain Engineer · Novotel (Client Project) *Remote | Feb 2025 - Mar 2025*

- Designed a payment control system ensuring **zero-downtime, high-availability transactions** for enterprise hospitality workflows; integrated blockchain settlement layer into existing infrastructure.

Technologies: Solidity · Java · Python · MongoDB

Blockchain Developer · Mocmax (IIT Startup) *Remote | Dec 2024 - Feb 2025*

- Deployed secure smart contracts and improved **transaction scalability** for a payment controlling system; achieved structured blockchain payments with no server downtime.

Technologies: Solidity · Go · Rust · TypeScript · Node.js

Technical Lead · Bmbastha *Vijayawada, AP | May 2024 - Nov 2024*

- Led end-to-end development of a grain purchase platform - website, admin portal, and Android mobile app - across **3 simultaneous workstreams**.

Technologies: Vue.js · MySQL · Java (Android)

Advisor & Ex-President · WebApps Club, KL University *Vaddeswaram, AP | Oct 2022 - Mar 2025*

- Led a **1,000+ member** community in Web3, full-stack, and mobile development; organized hackathons, workshops, and mentored student project teams.

PROJECTS

mycrux Platform · Founder *mycrux.in | May 2025 - Present*

- Full B2C + B2B platform with **Symmety (3D try-on)**, **Cruxy AI (outfit assistant)**, **Crux Score (trust engine)**, and Verified Batch (physical product inspection with instant 3× refund guarantee).
- Seller dashboard supports Cruxy Mode (fully AI-managed ops) and Manual Mode across 30+ modules including Orders, GST Invoicing, Demand Forecast, and Fraud Monitoring.

Technologies: Next.js 14 · Tailwind v4 · Go · Rust · React · MongoDB · Kotlin · MDX

WebFluid - Crypto Purchase Platform · Personal *github.com/adsrisanth | Jul 2022 - Feb 2023*

- Solidity-based DApp for purchasing cryptocurrencies with transaction status tracking and full history - user-friendly interface over on-chain logic.

Technologies: Solidity · Web3.js · React · MetaMask

Surabhi Fest Event Websites · KL University *KLU | Jan 2024 - Feb 2024*

- Independently built 7 individual event websites for the annual college fest - registrations, schedules, and updates for 7 parallel tracks.
  Technologies: Vue.js · Django · Blender

TECHNICAL SKILLS

Languages: Go · Rust · TypeScript · JavaScript · Python · Kotlin · Java · Solidity · PHP · C/C++
Frontend: React · Next.js 14 · Vue · Nuxt · Tailwind CSS · HTML/CSS
Backend & Infra: Node.js · Go microservices · Rust engines · REST APIs · MongoDB · MySQL
Blockchain: Solidity · Smart Contracts · Web3.js · MetaMask · DeFi architecture
Tools: Git · GitHub · Linux · Vercel · Aviatrix ACE (Cloud Networking)

RESEARCH & PUBLICATIONS

Enhancing Financial Data Security via Blockchain Cryptocurrencies · Centralized Journal 23, pp. 10–23 | *Oct 2022 - May 2024*

- Examined vulnerabilities of UPI and traditional bank transactions; proposed blockchain as a decentralized, cryptographically secure alternative demonstrated significant security and privacy gains over existing infrastructure.

AWARDS & CERTIFICATIONS

1st Place - WebSprint Hackathon (Web3 track) *Mar 2023*
1st Place - ACIC Technical Incubation Foundation · Certificate of Recognition, Syngynmaxim *Jan 2023*
2nd Place - Code For Cause Hackathon *Sep 2022*
Aviatrix Certified Engineer (ACE) - Cloud Networking & Multi-Cloud Infrastructure