LOHITH SANJU P

Full-Stack Developer — React · Node · Python · AI

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SUMMARY

Computer Science (Data Science) student and full-stack developer, currently an **AWS Student Builder Group Leader** leading the AWS developer community at VVIT. Ships production software: a cryptography risk-intelligence platform (300 tests, live on cloud), a college super-app used by students, and a Spotify-class music player. Completed a full-stack internship (React Native, Node.js, Firebase, MongoDB). Available weekday evenings and weekends for part-time remote contract work; fluent with AI-assisted development.

SKILLS

Languages: Python, JavaScript, TypeScript, C, Dart

Frontend: React.js, React Native, Next.js, HTML/CSS, Tailwind CSS

Backend: Node.js, Express.js, FastAPI, MongoDB, PostgreSQL, REST APIs

Mobile & Cloud: Flutter, Android Studio, AWS (cloud computing, fundamentals), Firebase (Auth/Firestore/FCM/Storage), Render, Vercel

AI & Tools: AI-assisted development, AI/ML fundamentals, Git, GitHub, Data Structures & Algorithms

Leadership: Community building, team management, mentoring, event management, public speaking

EXPERIENCE

AWS Student Builder Group Leader — Amazon Web Services (AWS) · Volunteer

Nov 2026 – Present | Bengaluru, India

- Selected as an AWS Student Builder Group Leader in a global programme spanning student leaders across 68+ countries; founding and leading the AWS student developer community at Vijaya Vittala Institute of Technology (VVIT).
- Building and mentoring a Core Team of student organisers; planning and hosting 6+ technical and community events in a 12-month programme — cloud workshops, certification prep, project sprints and networking.
- Writing technical articles for the AWS Builder Center and connecting students to AWS credits, certification vouchers and cloud learning resources.

Full Stack Development Intern — Skyforger Technologies

Feb 2026 – Apr 2026

- Built and maintained full-stack applications using React Native, Node.js, Firebase and MongoDB.
- Shipped responsive web applications with HTML, CSS and JavaScript; participated in testing, debugging and deployment.
- Resolved issues swiftly across the stack, strengthening production debugging skills.

PROJECTS

Lattice — Post-Quantum Cryptography Risk Platform

FastAPI, PostgreSQL, Next.js, Stripe, JWT

- Founded and built a platform that scans certificates, networks, containers and code, scoring quantum-computing risk 0–100 with per-finding provenance and downloadable SBOM/CBOM + PDF reports.
- Implemented real Shor's and Grover's quantum circuits for verified cryptographic analysis; 300/300 backend tests green across 68 API routes.
- Deployed live end-to-end (API on Render, dashboard on Vercel) with JWT auth, Stripe billing and Zero Trust access controls.

VVIT Hub — Campus Super-App

Flutter, Firebase, Node.js, Express, Backblaze B2

- Sole developer of an Android super-app for the college: authentication and approval flow, clubs, XP-based certificates, streak leaderboard, event RSVP with QR check-in, announcements, gallery and previous-year-question PDF sharing.
- Built a Node.js/Express storage API with B2 cloud storage and authenticated in-app PDF download; FCM push notifications and offline persistence.
- Shipped signed release APKs via GitHub Releases (v1.0.10); flutter analyze at 0 issues with the full test suite green.

ZXT — Music Streaming App

Flutter, Riverpod, Media3, YouTube catalog

- Spotify-class music player with foreground lock-screen playback, queue engine, sleep timer, crossfade, equalizer and library management.
- Designed a pure-Dart queue controller and player engine; 46/46 automated tests passing, release APK build verified.

IGNITE 2026 — Organizer & Official Site Developer

React, TypeScript, Tailwind, Vite

- Organizing a 4-week industry product-prototyping sprint (teams of 2–3) with SmartX Technologies and AptPath, under the Samagra student body.
- Built and shipped the live event platform (ignitearena.live): 8 info/legal pages, countdown, registration flow, 52/52 Playwright tests passing.

EDUCATION

Bachelor of Engineering — Computer Science & Engineering (Data Science)

Vijaya Vittal Institute of Technology (VTU) | Aug 2024 – Mar 2028 | CGPA: 7.78/10

CERTIFICATIONS

Python for Data Science (IBM) · Getting Started with Artificial Intelligence (IBM) · Full Stack Development Internship (DevOps & Cloud Career Roadmap) · Decoding Data Structures & Algorithms · Ethical Hacking & Cybersecurity

ACHIEVEMENTS

- Top 10 Finalist — PromptWars × Techverse 2026 (95.88/100 AI score); built HERALD, a Gemini emergency-response co-pilot.
- 2nd Place — Sai Taranga 2025 National Conference; research paper on Emerging Nanotechnologies for Water Purification.
- Open Source Connect Global 2026 participant.

LANGUAGES

English, Hindi, Kannada, Tamil