

# JAYDEEP SOLANKI

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github.com/whoisjayd · x.com/whynotjaydeep

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## Experience

**Analyst Intern**, Deloitte · Remote, India

Jan 2026 – present

- Developing skills in data engineering, ETL pipelines, analytics, and visualization through capstone projects and simulated client engagements.

**Project Intern**, Ellipsis Infotech · Ahmedabad, India

May 2025 – Jun 2025

- Built an IoT platform to centralize control of 10+ multi-brand AC units from a single dashboard, eliminating incompatible-remote issues across corporate offices.
- Achieved sub-100ms MQTT command latency; deployed on Google Cloud Run using ESP8266, FastAPI, WebSockets, and Next.js.
- Primary developer in a 2-person team, owning device provisioning, command routing, OTA firmware updates, JWT authentication, and real-time state sync.

**Co-Founder and Software Lead**, Team Dyaus, Nirma University · Ahmedabad, India

Nov 2022 – Jan 2026

- Co-founded a 7-member aerospace club; served as sole software developer across IN-SPACE CanSat India, TEKNOFEST Model Satellite (Turkey), and Flipkart GRID Robotics.
- Built ground station software for each competition to visualize live telemetry, GPS, and sensor data during flight.
- Placed 2nd at IN-SPACE CanSat India 2023 (20+ national finalists), 9th at TEKNOFEST 2024 (100+ international teams), and top 10 at Flipkart GRID 5.0 with an IIT Madras invitation.
- Mentored 20+ juniors who went on to place 7th globally (1st in Asia) at TEKNOFEST 2025, 3rd at IN-SPACE Model Rocketry 2025, and win Best Teamwork at IN-SPACE CanSat India 2025.

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## Skills

**Languages:** Python, TypeScript, Go (basics), SQL, Shell

**Backend:** FastAPI, Flask, Django (basics), Node.js

**Databases:** PostgreSQL, MySQL, MongoDB, Redis, SQLite, Firebase, InfluxDB

**Cloud & DevOps:** GCP, AWS, Docker, Kubernetes, Terraform, GitHub Actions, Linux

**AI:** LiteLLM, Cloud Agents, Codex, OpenCode

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## Projects

**NoteWise**

[GitHub](#) | [Website](#)

- Async Python CLI that converts YouTube videos and playlists into notes, quizzes, transcripts, and chapter summaries across 4 formats (Markdown, HTML, PDF, DOCX) in 1–2 minutes.
- Routes AI calls through LiteLLM across 30 providers with retry logic, cost tracking, chapter detection, smart chunking, and SQLite caching.

**GitResume**

[GitHub](#)

- FastAPI service that analyzes GitHub repositories and produces ATS-ready resume bullets, architecture summaries, and interview notes from source code, READMEs, and dependency files in ~30 seconds; analyzed 1,000+ repositories before being archived.
- GitHub OAuth, Redis-backed sessions, rate limiting, and WebSocket progress streaming with reconnect handling for long-running jobs.

**BlazeServe**

[GitHub](#)

- Python CLI HTTP file server for local network transfers; validated 1 Gbps+ throughput against 50 GB files in under 30 seconds with uploads, byte-range requests, streaming ZIPs, TLS, and runtime metrics.
- Tuned with sendfile, mmap fallback, configurable socket buffers, token-bucket rate limiting, and multi-range cache headers; includes SHA256 checksums, benchmark mode, and pytest coverage.

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## Education

**Nirma University**, B.Tech in Electronics and Communication Engineering · Ahmedabad, Gujarat, India

Aug 2022 – May 2026

- CGPA: 8.0/10.0. Minor in Data Science.

- Coursework: DSA, Machine Learning, IoT Analytics, Embedded Systems, Digital Signal Processing, Cloud Computing, DBMS.