Amit Dwivedi

Greater Noida, India

theamit.969@gmail.com | linkedin.com/in/vyrx | github.com/vyrx-dev | vyrx.dev

Summary

I build backend APIs, mobile apps, and terminal tools using Node.js, Go, and Flutter. Sometimes I build things that shouldn't exist, and those are usually my favorites. I'm flexible with technologies—you name the stack, and I'll learn it. In my free time, I contribute to open-source and journal my programming journey on social media to build in public.

Technical Skills

Languages: JavaScript, Dart, Go, Lua, Bash, HTML/CSS
Frameworks & Mobile: Flutter, Android Platform Channels
Backend & Databases: Node.js, Express.js, API Design, REST APIs, JWT Auth, SQLite, MongoDB, Redis
State Management: Riverpod, Provider
Tools & Infrastructure: Git, Docker, Docker Compose, CI/CD (GitHub Actions), Unit Testing, Scalability, Security, Agile/Scrum, Neovim

Experience

Linux & Git Workshops — IITM Janakpuri, Delhi (Onsite)
Lead Instructor — *Oct. 2025 – Present*

- Delivered Linux and Git workshops to 50+ students, covering SSH, file permissions, systemd, and disk partitioning via hands-on CLI labs.
- Mentored developers in advanced Bash scripting, Git branching, rebasing, and merge-conflict resolution.

LineageOS — Remote
Lead Maintainer (Internship) — *Sep. 2022 – Jul. 2023*

- Maintained custom Android ROMs for the Redmi 9 (Lancelot), supporting over 100 daily active users.
- Shipped 15+ custom builds featuring an inbuilt debloater and an automatic Play Integrity fix.
- Cut battery drain 4% and merged critical security patches upstream, improving device stability.

Projects

Toofan — *Go, Bubble Tea, TUI Architecture*

- Built a terminal typing test in Go with a responsive layout, 60Hz updates, custom themes, and support for 5+ programming languages (**260+ GitHub stars**).
- Added a live multiplayer mode by running a local Go server and tunneling it securely through Cloudflare, keeping network latency under 50ms.
- Handled concurrent state updates using the Bubble Tea framework to ensure keystrokes and UI renders are processed without race conditions.

Ooly Journal — *Flutter, Riverpod, Hive, Gemini AI*

- Built a reading journal app in Flutter where users can track books and write chapter-specific logs. Used Riverpod for state management.
- Added Google Gemini Flash to generate session summaries in under 3 seconds, integrated Cloud TTS for voice playback, and used Hive to store data locally.
- Designed a minimal UI with smooth micro-animations, ensuring a fluid, native-feeling reading experience across iOS and Android.

Kalam — *Flutter, SQLite, Riverpod, AudioProcessing*

- Created a productivity app that combines tasks, journaling, and 5-minute voice memos. Backed by a local SQLite database.
- Handled live audio recording and waveform rendering in the background to ensure the main UI thread never blocks.
- Implemented an interactive 7-day activity grid visualization to track daily task completion and journal entries.

Sloat — *Lua, Neovim*

- Wrote a minimal Neovim plugin in Lua that keeps floating and bottom-split terminals running when switching between buffers.
- Kept the codebase under 250 lines with zero dependencies, making it easy to install via `lazy.nvim` and other plugin managers.
- Created extensible configuration options allowing users to customize terminal dimensions, borders, and default keymaps.

Certifications & Achievements

100xDevs Cohort 3.0 – Bootcamp focused on the MERN stack, CI/CD pipelines, and public repository development.
Hackathon Winner – IITM, Janakpuri College Hackathon (1st Place Solo Developer).
Featured Themes – Two custom themes featured on Omacom by DHH: Aamis (65+ stars) and Void (55+ stars).

Education

Maharshi Dayanand University — Rohtak, India
Bachelor of Computer Applications (BCA) — *2023 – 2026*