DHRUV KOTHARI

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EXPERIENCE

Growth Intern | *Blink.new (YC-backed AI app builder), Remote* Jan 2026 – Oct 2026

- Shipped **4 internal growth tools**: creator outreach, link building, SEO mention monitoring and a Reddit growth copilot.
- Built a creator outreach pipeline (Python, SQLite, YouTube Data API, Gmail API, LLM drafting with human approval) that sourced **650 leads** and sent **489 emails**, reaching an **18% human reply rate** and 14 positive responses.
- Built a link-building engine (Flask dashboard) that found and scored **676 prospect sites** and extracted contacts.
- Grew Reddit to **29.85% of Blink's social traffic** (Jun 2026), a channel where competitors had little presence; tracked AI-search (AEO) citations for Blink across 18 prompts.

Web Developer Intern | *ARH Tubes Pvt. Ltd.* Dec 2025 – Jan 2026

- Built and launched the company's e-commerce storefront, tanttu.in, on Shopify.

PROJECTS

FocusLock | *Kotlin, Android, Electron, Firebase* 2026

- Screen-time limiter sharing one daily allowance across an Android phone and a Windows PC. Enforces at the OS level, so switching browsers can't bypass it. **233 automated tests**; CI builds a signed APK and installer.

3D Portfolio | *Three.js, React 19, GSAP, GLSL, Playwright* 2026

- Interactive 3D studio room whose monitor runs live demos of other projects. Detects each visitor's GPU and serves a 3D, mobile or no-WebGL version, holding 30 to 60 FPS on integrated graphics.

DarkSentinel | *Python, FastAPI, Next.js* Finalist, IIT Madras x BITS Goa hackathon 2026

- Team dark-web traffic monitor that classifies network traffic and shows alerts on a live dashboard. Built the LLM review layer: only predictions the model is unsure about go to an LLM, keeping inference cost bounded.

Blackout | *Kotlin, Android* 2026

- Keeps the screen technically on but fully black, so screen-on features like OnePlus bypass charging keep working while nobody can see the screen. Fingerprint unlock, Quick Settings tile, steps aside for calls and alarms. No internet permission.

Also built: Cellbook (Excel clone for Windows), Expense Tracker (offline UPI/SMS parser), BasketProof (price comparator, 636 tests).

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, Kotlin, C++, SQL
- **Web & Backend:** React, Next.js, Three.js, Node.js, Express, Flask, FastAPI, REST APIs
- **AI & Automation:** LLM APIs (Claude, Gemini), Claude Code, MCP, scikit-learn, XGBoost, web scraping
- **Data & Infra:** PostgreSQL, SQLite, Firestore, Android, Electron, Git, GitHub Actions, GCP

EDUCATION & ACHIEVEMENTS

B.Tech, Information Technology | *K. J. Somaiya College of Engineering, Mumbai* 2024 – 2028 (expected)

- **Winner**, Innovathon 2025 (F-Shield, real-time fraud detection) | **Winner**, REALMS 2025
- **Finalist**, Secure AI Software & Systems Hackathon 2026 (IIT Madras x BITS Goa), 230+ teams
- **Tech Team:** Robotics & Automation Society, KJSCE (Aug 2025 – Present); Team Vision KJSCE (Jan – Aug 2025)