Aryan Kaushik

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Technical Skills

Languages: C++, C, Python, JavaScript, TypeScript, Java

Technologies: Linux, Git, Frappe/ERPNext, Chromium, GTK, GStreamer, WebKit, Django, Flask, REST APIs, Stripe, HTML/CSS, SQLite, MongoDB, Redis, NoSQL, Blockchain

Engineering: System Design, Data Structures & Algorithms, Multithreading, Debugging, Performance Optimization

Community: Open Source, Public Speaking, Event Organization

Work Experience

Software Engineer - L2, rtCamp Solutions Pvt. Ltd. – Remote — Sep 2024 – Present

- Develop internal CRM and ERP systems on Frappe/ERPNext (Python, JavaScript), cutting operational costs by 85% annually; led Next CRM customization for rtCamp's sales team (workflows, reports, automation).
- Owned the Frappe Stripe Subscription app end to end, designing its Stripe integration and UI from scratch; it powers subscription workflows for GoDAM.
- Designed and built an open-source Affiliate and Coupon Management system from evolving business requirements, plus reporting, notification frameworks, permission mappings, and migration workflows across multiple projects.
- Built core Helpdesk functionality, migrations, overrides, and support tooling under aggressive timelines, and an RBI Exchange Rate app with external API integration.
- Mentor associate engineers through code reviews and technical guidance; contribute fixes and enhancements across Frappe ecosystem products using AI-assisted workflows backed by testing and review.

Chromium Developer, RedClub Technologies – Remote — Mar 2024 – Jul 2024

- Built custom Chromium-based browsers for enterprise clients' use cases, automating 80% of the customization process.

Google Summer of Code Intern, Chromium – Remote — May 2023 – Sep 2023

- Improved Chromium's `chrome://policy`, `chrome://policy/logs` and `chrome://policy/test` pages (3.46B users, 74.06% browser market share), fixing C++ bugs and redesigning the UI for readability across screen sizes.

Google Summer of Code Intern, GNOME Foundation – Remote — May 2022 – Sep 2022

- Migrated Pitivi, a Python and GStreamer video editor, from GTK3 to GTK4, rewriting 6k+ lines across its XML UI definitions and Python application logic.

Community & Leadership

Lead Organizer and Speaker, Ubuntu Conference (UbuCon) Asia – Jaipur, India — Aug 2024

Speaker, GNOME Asia Summit '24, '23 & '22 and GUADEC '25, '23 & '22 – Europe, Asia — Jul 2022 – Jul 2025

Selected Projects

Open Forms — Dec 2025 – Mar 2026

- Local-first form-collection app for GNOME, written in Python; used by Canonical Ubuntu and open-source communities for event booths and kiosks. 35 GitHub stars.

Logo Menu — Aug 2021 – Present

- JavaScript GNOME Shell extension adding a quick-access panel menu. 2M+ downloads · 97 GitHub stars · 57 forks.

Minimalistic Browser with AI — Mar 2024 – Jul 2024

- Linux desktop browser (Python, WebKit) with AI browsing features powered by an offline LLaMA model.

Aryan Linux Operating System — Sep 2020 – Oct 2020

- Built a complete Linux distribution from source, manually compiling and integrating 300+ packages.

Education

KIET Group of Institutions, B.Tech in Computer Science (CGPA 7.31) – Ghaziabad, India — Sep 2022 – Jul 2025

- Awarded 5 times by the director for bringing laurels to the college; led special OS and Linux batch for 2nd year.

Invertis University, Diploma in Computer Science and Engineering – Bareilly, India — Sep 2019 – Jun 2022

- Graduated with Distinction (86.31%) and rank 1 among the class.