Sarvagaya Abrol

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sarvagaya-portfolio.vercel.app

Summary

Software Engineer with 5+ years building responsive, high-performance web applications, focused on clean, maintainable code and strong user experiences.

Key Skills

JavaScript (ES6+), TypeScript, HTML, CSS, React.js, Next.js, Redux, Zustand, Node.js, Express.js, Python, Flask, FastAPI, REST APIs, Performance Optimization, A/B Testing

Work Experience

Senior Javascript Developer - AVRL *January 2026 - Present*

- **MIKA Dashboard**: Built a comprehensive operations dashboard from scratch, letting clients view real-time data across 10,000+ users (each managing 5–6 bots on average), place or decline bids, and log rejection reasons for auditability.
- **Panoptic Analytics**: Built Panoptic Basic to track execution timestamps, bot skip metrics, and data store activity; scaled it into Panoptic Plus with a filterable, comprehensive display across all active bots.
- **Periscope Tool**: Built an account- and shipment-wise analytics tool for evaluating bid pricing against baseline rates, with drill-down views, interactive bar charts, and metric-impact breakdowns — driving a 15% improvement in bid optimization.

SDE 2 - Zepto *November 2022 - October 2025*

- **No-Code Platform**: Built a no-code dashboard builder (Next.js, TypeScript, Tailwind) that became the foundation for Zepto's internal dashboards, powering the search platform, pricing, recommendations, and admin panel. Users drag components onto a canvas, configure them from a properties panel, and publish to a shareable link that host dashboards render dynamically.
- **Pricing Dashboard**: Built an internal tool for managing pricing rules — rule creation, editing, duplication, and a full audit history of changes — now used daily by 100+ internal operators.
- **A/B Experimentation**: Led design and development of Zepto's A/B Experimentation UI solo (no designer available), working with the Product Manager to deliver a bug-free interface in three weeks. Powered 130+ experiments company-wide during my tenure.
- **Zepto Wallet**: Built Zepto Wallet independently, integrating the payment module for adding money and making purchases, with custom error screens at each step for clarity.
- **LMS**: Led the transition of our homepage API to a new service, designing a transform layer to bridge differing contracts and resolve data parity issues in collaboration with the backend team. Server-side rendering and lazy loading cut homepage load time by 25% (measured via Lighthouse).

SDE 1 - AJIO *July 2021 - November 2022*

- **LUXE Revamp**: Part of a two-person team that overhauled the AJIO LUXE website end-to-end — UI/UX and components — two weeks ahead of schedule, driving a 20% lift in checkout clicks (tracked via Mixpanel).
- **Assured Gifts**: Built a feature showing users gift eligibility based on purchase amount, integrated across nearly every page; over 50% of users added extra items to unlock a gift (tracked via Mixpanel).

Other Tools

Databases: MongoDB, PostgreSQL | **Testing:** Jest, Enzyme | **DevOps:** Git, CI/CD pipelines, New Relic, Grafana

Achievements/Awards

- **Zepto Ace (Jun 2023)** — For building an in-house replica of Google Optimize 360, used to run experiments across web and app.
- **Star Performer, Quarter (Jul–Sep 2022)** — For independently delivering the Assured Gifts feature end-to-end.
- **Star Performer, Quarter (Oct–Dec 2021)** — For the AJIO LUXE revamp, delivered three weeks ahead of deadline.

Education

2015 - 2019 B-Tech in Computer Science and Engineering at SMVDU