

RAJ ELLARAM

rajellaram@gmail.com | +91 96230 76767 | linkedin.com/in/rajellaram | github.com/rajellaram

EDUCATION

Bharati Vidyapeeth's College of Engineering, Lavale

Pune, India

B.E., Electronics & Telecommunication Engineering — Relevant: DSA, OS, DBMS, Computer Networks 2024 – 2027 (Expected)

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, C++, Java, SQL

Frameworks & Libraries: React.js, Node.js, Flask, Tailwind CSS, spaCy, NLTK, scikit-learn, pandas

Databases & Infrastructure: PostgreSQL, Supabase, BigQuery, Redis, REST APIs, WebSockets

Cloud & Tools: Google Cloud Platform (GCP), Docker, Git/GitHub, Linux, Looker Studio

Concepts: Distributed Systems, Real-Time Sync, System Design, NLP, Data Structures & Algorithms

EXPERIENCE

SWS – ScaleWithSatyendra

Remote

Lead Web Developer

Jul 2025 – Present

- Architected and deployed full-stack Shopify eCommerce solutions for 11+ DTC brands using Liquid, SCSS, JavaScript, and Tailwind CSS, contributing to \$100K+ in client revenue during initial launch weeks while building reusable theme components that reduced development time.
- Optimized storefront performance by improving the Critical Rendering Path, implementing GA4 event tracking, heatmap analysis, and A/B testing, achieving sub-1-second load times, enhanced Core Web Vitals, and up to 45% higher conversion rates.

Scaling Commandos

Remote

Freelance Web Developer

Mar 2024 – Mar 2025

- Developed high-performance, conversion-focused frontend experiences for DTC clients using HTML5, CSS3, JavaScript, Tailwind CSS, WordPress, and Shopify, extending CMS capabilities while achieving sub-second load times, minimal payload sizes, and zero downtime during high-traffic marketing campaigns
- Implemented technical SEO, structured schema markup, and optimized Liquid templates to improve organic search visibility, while collaborating with cross-functional design, marketing, and analytics teams to deliver high-impact features on accelerated project timelines.

PROJECTS

Distributed Key-Value Store | Python, Raft, gRPC, Docker | github/kv-store

2026 – Present

- Developing a fault-tolerant distributed key-value store implementing the Raft consensus algorithm with leader election, log replication, and automatic failover across a multi-node cluster.
- Building a gRPC-based client-server architecture and benchmarking system performance under concurrent workloads using a custom stress-testing framework.

Canvas – Real-Time Collaboration Engine | TypeScript, React, PostgreSQL, Supabase | github/canvas

2025

- Architected multi-client whiteboard with PostgreSQL replication listeners achieving sub-100ms state sync; implemented optimistic UI and conflict resolution under packet loss and network jitter.
- Designed distributed event broadcast system managing concurrent sessions with consistent shared state across N clients.

AI Career Intelligence Platform | Python, spaCy, scikit-learn, React, Flask | netlify/resume-scan

2024

- Engineered NLP pipeline (TF-IDF vectorization, cosine similarity) for resume-to-JD matching; achieved 90% relevance accuracy on a 500-document held-out evaluation set.

LEADERSHIP

GeeksforGeeks Campus Ambassador

Community & Technical Lead

Jan 2026 – Jun 2026

- Spearheaded and led a 100+ student tech community; organized competitive programming contests and technical workshops as the primary campus liaison for the GfG platform.

ASET – Association of Students in Electronics & Telecommunication

Vice Chairman

2023 – 2024

- Directed a 20-person committee to plan and execute 9 technical events, managing logistics and budgets for 250+ participants across the academic year.