

# SATYA PRAKASH

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## SKILLS

**Languages:** Java | Rust | TypeScript | JavaScript | HTML | CSS | SQL.  
**Frontend:** ReactJS | Next.js | TailwindCSS | Shadcn | Framer Motion.  
**Backend:** Node.js | Express.js | Spring Boot | REST API | tRPC.  
**DevOps & Tools:** Docker | Kafka | SonarQube | Firebase | Vercel | Postman .

## EXPERIENCE

- **CyberEvolve Technologies Pvt. Ltd** New Delhi, Delhi  
Apr 2024 – Present  
*Developer - Java | Java, Springboot, Microservices, JPA, Hibernate, SQL, Kafka*
  - **Microservices:** Designed, engineered, and enhanced microservices across SIEM and SOAR modules (Collector, Rule Engine, Analytics, DMP, Playbook), resulting in measurable improvements in scalability, performance, and reliability.
  - **Playbook Development::** Developed an end-to-end SOAR playbook integrating Fortinet Firewall, Windows Active Directory, and other enterprise security platforms, enabling streamlined firewall block/unblock actions, user enable/disable operations, and other security workflows, reducing manual effort by 60%.
  - **Firewall:** Automated FortiGate firewall integration with the SOAR platform, reducing manual incident handling by 45% and improving response resolution times through end-to-end workflow automation.y 25%, accelerating resolution times.
  - **Code Quality:** Integrated SonarQube into the Jenkins CI/CD pipeline to automate static code analysis, detecting 5000+ issues within 3 months, reducing technical debt by 35% and improving test coverage by 20%.
  - **Notifications:** Programmed automated email notification systems in SOAR ticket management and DMP Indexer-agent, improving response time by 20% and reducing manual follow-ups by 30%.
  - **Graphing:** Delivered CSV and Excel import/export functionality for 50+ graph types, along with automated email notifications to keep stakeholders informed.
  - **Multi-source DB Integration:** Built a Spring Boot database abstraction layer enabling runtime switching between MySQL and PostgreSQL, reducing client onboarding effort and decreasing deployment time by 40%.

## PROJECTS

- **Paka - Personal AI Knowledge Assistant** Sept 2025 – Working  
*Technologies: TypeScript | Hono | Next.js | Qdrant (gRPC) | Grok & Gemini | Google APIs*
  - **Core Technology Stack & Key Integrations:** Built with Next.js 15 and TypeScript for the frontend, and Hono with Node.js for the backend. Uses PostgreSQL with Prisma ORM, and integrates Google services (Gmail, Calendar, Docs), Notion, Telegram, OpenAI/Gemini for AI features, and Qdrant for vector search.
  - **Real-time Infrastructure & Scalability:** Engineered a real-time architecture using Socket.IO WebSockets, Kafka-based async processing, Redis caching, and Dockerized deployments, enabling 24/7 live updates with < 100ms latency while ensuring graceful degradation — system continues running even if Redis, Kafka, or Qdrant fail.
  - **Problem Solving & Feature Set:** Reduces context switching by aggregating emails, calendar events, tasks, reminders, and weather into a single daily briefing. Enables semantic document search via RAG with vector embeddings, so users can query uploaded PDFs and documents in natural language instead of keyword matching.
  - **Performance & Scale:** Exposes 23+ REST API endpoints and handles daily briefings that aggregate 5+ data sources in parallel. Supports document Q&A across multiple file formats with vector embeddings, and processes real-time notifications through WebSocket connections with Kafka-backed async processing.
- **Portfolio** Feb 2024 – March 2024  
*Technologies: Next.js | Framer Motion | TypeScript | Tailwind CSS | Resend Email*
  - **Web Interface Development:** Developed a high-performance web interface using Next.js and Tailwind CSS, reducing page load time by 35% and delivering a smoother, more engaging user experience.
  - **Engaging Animations:** Crafted smooth, interactive animations using Framer Motion, increasing user engagement by 20% and improving overall interaction experience.
  - **Code Quality:** Leveraged TypeScript to enforce strong typing and cleaner code architecture, reducing runtime errors by 35% and improving maintainability, which cut bug-fixing time by 20%.
  - **Email Integration:** Implemented a Resend Email feature to enable direct client communication from the platform, improving engagement and increasing successful outreach by 30%.

## EDUCATION

- **Kanpur Institute of Technology** Kanpur, Uttar Pradesh  
Aug 2020 – Jun 2024  
*Bachelor in Computer Science; SGPA: 7.90*

## COURSEWORK

Data Structure & Algorithm | Object-Oriented Programming | Database Management | Computer Network