

---

# Karan Singh

## Technical Lead | Full-Stack Product Delivery, Production Infrastructure, AI Workflow Systems

Core Areas: SaaS Platforms | Backend Systems | Infrastructure Ownership | AI Automation

Kanpur, Uttar Pradesh, India | [karan2762002@gmail.com](mailto:karan2762002@gmail.com) | <https://in.linkedin.com/in/karan2762002>

---

### PROFESSIONAL SUMMARY

---

Technical Lead with experience delivering SaaS products, operational platforms, and automation workflows across application architecture, backend systems, infrastructure, deployment, and launch readiness. Strong focus on translating startup and business requirements into production-ready systems with clear scope, reliable execution, and maintainable technical foundations.

### SELECTED IMPACT

---

- Delivered SaaS platforms, admin systems, and workflow products with Next.js, Node.js, PostgreSQL, and production-ready execution.
  - Built OCR and automation flows for tax and document processing with structured output and operational efficiency.
  - Led Linux VPS infrastructure, Nginx/OpenLiteSpeed, SSL, PM2, deployment workflows, and launch-readiness planning.
- 

### EDUCATIONAL BACKGROUND

---

#### Swami Vivekanand Subharti University (SVSU), Meerut

Master of Business Administration - MBA, IT And Finance

Grade: 8.0/10 CGPA

---

#### Dr. A.P.J. Abdul Kalam Technical University

B.Tech, Computer Science & Engineering

Grade: 8.3/10 CGPA

## PROFESSIONAL EXPERIENCE

---

### IT Team Lead

Techfont Innovation Pvt Ltd. | Full-time

Jan 2026 - Present |

Kanpur, Uttar Pradesh, India | On-site

- Lead the IT team across PERN and MERN stack delivery, architecture decisions, sprint execution, and production readiness for business-facing platforms.
- Guide frontend, backend, database, and deployment workflows while keeping releases aligned with performance, maintainability, and launch goals.
- Coordinate technical execution across product requirements, admin systems, automation workflows, and operational improvements.

---

### Software Developer

DDark Innovations | Self-employed

Dec 2024 - Dec 2025 | 1 yr 1 mo

Remote

- Built and maintained full-stack web solutions with focus on clean delivery, backend logic, database structure, and user-facing performance.
- Handled end-to-end execution from requirement interpretation to implementation, debugging, iteration, and deployment support.
- Worked across product features, admin workflows, and business-oriented software requirements for practical client use cases.

---

### Advisory

Kshema General Insurance Limited | Full-time

Sep 2024 - Dec 2024 | 4 mos

Hyderabad, Telangana, India | On-site

- Supported advisory and operational coordination work with emphasis on structured communication, process understanding, and business alignment.
- Contributed to practical decision support by reviewing workflows, identifying execution gaps, and helping improve clarity across operating processes.

---

### Growth Advisor

WeMakeScholars

May 2023 - May 2024 | 1 yr 1 mo

Hyderabad, Telangana, India | On-site

- Worked on growth-oriented initiatives focused on outreach, user guidance, and operational support in a student-finance-focused environment.
  - Helped improve conversion and engagement by aligning communication, support workflows, and on-ground execution with business goals.
-

## PROJECT HIGHLIGHTS

---

### Krowdvest

Role: Tech & Deployment Lead

Built and deployed a founder and capital network platform with backend reliability and scalable delivery in focus.

Technologies: Next.js, Node.js, PostgreSQL, Deployment

Link: <https://www.krowdvest.com>

---

### Face Recognition Attendance SaaS

Role: Lead Developer

Designed a real-time attendance workflow connecting external camera feeds to backend processing for automated identity-based event tracking.

Technologies: AI Processing, Face Recognition, Realtime Sync

---

### QR-Based Ordering System

Role: Full-Stack & Strategy

Created a restaurant ordering platform to reduce service friction, improve operational speed, and support manpower optimization.

Technologies: Operational SaaS, Restaurant Tech, Workflow Logic

Link: <https://www.qr.techfontinnovations.com/>

---

### AI-Integrated Tax Assistant

Role: Serverless/OCR Bot

Implemented OCR and automation flows for tax-oriented document handling, reducing manual effort and improving extracted data usability.

Technologies: OCR, Automation, Document Intelligence

Link: <https://taxhelp-ai.onrender.com/>

---

### Techfont Innovations Site with Admin Panel

Role: Architect & Developer

Built the company website and admin panel with structured content control and business-ready presentation.

Technologies: Company Website, Admin Panel, IT Services

Link: <https://techfontinnovations.com/>

---

## CORE TECHNOLOGIES

---

- Frontend: Next.js, React
- Backend: Node.js, Express, REST APIs, Python
- Database: PostgreSQL, relational schema design, query planning, session-oriented data handling
- Infrastructure: Linux (Ubuntu), CyberPanel, OpenLiteSpeed, Nginx reverse proxy, PM2, SSL and DNS workflows
- Automation and AI: OCR engines, document workflows, Telegram API, payment gateways, serverless automations
- Additional Tools: Flutter, Git, SEO-focused frontend builds