

KESHAV KRISHAN SHARMA

★ Technical Lead

Solutions Architect · Full Stack Engineer · Product Strategist

📍 Ghaziabad, India 📞 +91-9911220507 ✉ keshavkrishansharmaofficial@gmail.com 🔗 [linkedin.com/in/keshav-krishan](#) [github.com/keshavkr](#)

Solutions Architect & Technical Lead with 3+ years of experience building national-scale EdTech & governance platforms. Led technical delivery for **100+ universities** and **5,000+ institutions**, bridging policy requirements with scalable systems. Expert in stakeholder alignment, full-stack architecture, and driving cross-functional teams from ideation to production.

3+

YEARS EXP

100+

UNIVERSITIES

5K+

INSTITUTIONS

99.9%

UPTIME SLA

EXPERIENCE

Smarth eGov × Ministry of Education 2023 – Present

Technical Lead · Full Stack & Platform Architecture

- Architected Affiliation Management Platform for 100+ universities with multi-institution workflows, reducing approval turnaround by 45%.
- Led cross-functional teams (product, policy, engineering) to translate complex regulatory requirements into scalable microservices & audit trails.
- Designed REST APIs, PostgreSQL schemas, and role-based access control (RBAC) for 5K+ institutions with high data isolation.
- Managed AWS infrastructure (EC2, RDS, S3) + Docker + Jenkins CI/CD, ensuring 99.9% uptime for mission-critical systems.
- Mentored 4 junior engineers, conducted code reviews, and drove technical documentation standards.
- Integrated secure payment gateway with automated reconciliation & callback handling for thousands of transactions.

Smarth eGov 2022

Programmer Intern · Backend Engineering

- Developed backend modules using PHP (Yii2) and optimized complex SQL queries improving API response time by 30%.
- Collaborated with product team to design RESTful endpoints for real-time affiliation dashboards.

KEY PROJECTS

Affiliation Management & Compliance Hub

Technical Lead | National Education Infrastructure

Modular platform supporting 100+ university regulations. Built dynamic rule engine, multi-stage approvals, document verification, audit trails, and analytics dashboard handling 2M+ records.

Estate Management & Resource Allocation System

Full Stack Architect

Designed institutional asset management engine with automated conflict detection. React/Next.js frontend + Yii2 backend, reduced resource allocation time by 60% across institutions.

e-Registration SaaS · Multi-Tenant Platform

Technical Architect

API-first multi-tenant registration system (Strapi CMS + Next.js). Implemented JWT auth & tenant isolation, used by 150+ colleges for admission workflows.

Architecture & Core Stack

System Design REST APIs Microservices Database Design

RBAC

Frontend

React.js Next.js TailwindCSS JavaScript/ES6

HTML5/CSS3

Backend & Databases

Node.js/Express PHP (Yii2) MySQL/PostgreSQL

MongoDB Redis

Cloud & DevOps

AWS (EC2,RDS,S3) Docker Jenkins CI/CD

Git/GitHub Actions

Product & Methodologies

Agile/Scrum Stakeholder Management

Technical Roadmapping Cross-functional Leadership

EDUCATION

B.Tech Computer Science & Engineering

Krishna Engineering College, Ghaziabad (AKTU University)

2018 – 2022 | First Division with Honors

CERTIFICATIONS

- ★ Graphic Design & UI/UX – Simplilearn Alumni (Product design fundamentals)
- ★ Digital Skills: User Experience – Accenture (FutureLearn)
- ★ CPD Certified Professional – The CPD Certification Service
- ★ UI/UX Design Intensive – Le Wagon (Product-centric design thinking)
- ★ AWS Cloud Practitioner Essentials (Self-paced)

LEADERSHIP & HONORS

- ★ Winner – Inter College Innovative Idea Competition (Smart Campus solution)
- ★ Core Member – IEEE IDC Initiative (led tech workshops for 200+ students)
- ★ Technical Presenter – IIT Varanasi TechFest (GovTech research track)
- ★ Outstanding Technical Contribution Award – Smarth eGov (Q2 2024)

✔ Bridging product vision & technical execution · 0→1 platform builder