

SUSHANT KATHURIA

Technical Manager | Engineering Leadership | Scalable Backend Systems & Cloud Platforms

+91 90417-86850 | sushkath@gmail.com | linkedin.com/in/sushant-kathuria

PROFESSIONAL SUMMARY

Technical Manager and Senior Engineer with 9+ years of experience leading engineering teams, owning product roadmaps, and delivering scalable SaaS platforms across MarTech, EdTech, and IP-Tech domains. Adept at bridging the gap between business stakeholders and engineering teams — translating product vision into technical strategy, mentoring developers, and driving on-time delivery across complex, multi-team initiatives. Hands-on expertise in PHP, Python, AWS, and distributed systems, combined with a strong track record of building high-performing teams and measurably improving system reliability and developer productivity.

KEY SKILLS

Leadership & Management: Team Leadership, Technical Mentoring, Roadmap Planning, Agile/Scrum, Sprint Management, Stakeholder Communication, Cross-functional Collaboration

Languages & Frameworks: PHP (CakePHP, CodeIgniter), Python (Flask), JavaScript, jQuery, Node.js

Databases & Search: MySQL, PostgreSQL, MongoDB, Apache Solr, Elasticsearch, Redis

Cloud & DevOps: AWS (EC2, S3, RDS, CloudWatch, SES, IAM, Route 53), Docker, Git, Linux, Apache2

Specialisations: System Architecture, REST API Integration, Performance Tuning, Data Scraping & OCR

PROFESSIONAL EXPERIENCE

Netcore Cloud

Gurugram, India – Dec 2022 – Present

Assistant Manager – Engineering

- Managed engineering delivery across multiple concurrent product workstreams – owning sprint planning, task allocation, and stakeholder reporting for a customer engagement platform serving 100M+ users.
- Architected funnel backend rearchitecture and led cross-team execution, reducing data processing latency by 40% and unblocking real-time analytics capabilities for enterprise clients.
- Spearheaded Unbx'd AI recommendation engine integration into email journeys, lifting estimated click-through rates by 30%; built WhatsApp payload personalisation engine reducing campaign config effort by 60%.
- Drove technical design reviews and code quality standards across the team; introduced engineering best practices that improved feature release velocity and reduced post-release defects.

Appringer (Client: Knimbus)

Remote – May 2022 – Dec 2022

Senior Software Engineer

- Engineered proxy IP-based secure access for 15+ premium academic libraries (ScienceDirect et al.), enabling seamless digital access for 200+ educational institutions.
- Optimised API integration modules via intelligent caching and request batching, reducing third-party data fetch times by 35% and boosting platform content availability by 25%.

GreyB Research

Chandigarh, India – Jan 2015 – May 2022

Team Lead – Product Development

- Managed and mentored a team of 5+ developers – conducting code reviews, defining technical standards, allocating resources across 10+ concurrent enterprise projects for Adidas, Huawei, and Qatar Foundation.
- Architected *Slate*, an interactive patent collaboration platform with OCR, NLP annotation, and Solr-powered full-text search, reducing client patent analysis time by 70%.
- Designed and deployed *InspireIP Tool* on AWS, a cross-platform patent approval workflow application that cut manual approval turnaround time by 50% for IP departments.

NOTABLE PROJECTS

Kompass – Research Analytics Platform (Qatar Foundation): Developed a research intelligence platform with LinkedIn/Google SSO, automated dashboards, and Elasticsearch-powered patent discovery; tuned DB performance for near real-time data projections across large-scale datasets.

OCR Document Search Tool (Internal): Built a Python/Flask/Tesseract pipeline that eliminated 100% of manual file uploads and enabled full-text keyword search across thousands of research documents.

EDUCATION

Punjab Technical University

July 2011 – June 2015

B.Tech in Computer Science & Engineering

Indira Gandhi National Open University (IGNOU)

July 2020 – Dec 2021

Post Graduate Diploma in Computer Applications