

# PAVAN KUMAR PATRUNI

## ENGINEERING LEADERSHIP

+91 9870179495 Bengaluru, India pavanpathro@gmail.com

[pavankumar-patruni.com](https://pavankumar-patruni.com) [linkedin/pavankumar-patruni](https://linkedin/pavankumar-patruni)

## ABOUT ME

Strategic Engineering Leadership with over a decade of experience driving organizational excellence across high-growth FinTech and HealthTech sectors. Expert in architecting high-scale Java/Spring Boot ecosystems, having successfully scaled distributed systems to handle 2,000+ RPM under strict <200ms SLAs. I specialize in bridging business OKRs with technical roadmaps, optimizing multi-cloud infrastructure, and fostering high-performance engineering cultures through AI-driven development and rigorous governance.

## EXPERIENCE

### Aug 2025 - Present

Onsurity, Bengaluru

### Engineering Manager

- Managed 3 squads (18+ engineers) across Reliability and Product for HealthTech and Payment systems.
- Maintained p95 SLAs (~400ms) at 500+ RPM via Java/Node.js tuning and cloud orchestration.
- Reduced incidents by 30% through full-stack observability and structured response protocols.
- Directed technical roadmaps, balancing high-velocity delivery with strategic debt reduction.
- Cut onboarding time by 40% by standardizing hiring rubrics and engineering excellence frameworks.
- Architected 10+ core domains including Payments, Billing, Cart, Order and wellness microservices.
- Promoted talent to leadership and established Design Doc frameworks for org-wide alignment.
- Standardized API contracts and boundaries to ensure enterprise-scale modularity and scale.
- Hardened resilience using circuit breakers, rate limiting, and connection pooling safeguards.
- Partnered with Executives to align technical strategy with business OKRs and roadmaps.

### May 2020 - Aug 2025

BharatPe, Gurgaon

### Engineering Manager

- Scaled backend and mobile teams from 6 to 14 engineers during hyper-growth.
- Architected Java microservices and API boundaries sustaining 2,000+ RPM at <200ms SLA.
- Reduced loan processing time by 30% via workflow optimization and service decoupling.
- Cut onboarding time by 40% by designing standardized interview rubrics and workflows.
- Aligned engineering roadmaps with business OKRs and regulatory compliance.
- Delivered high-scale payment features and Mentored 4 engineers to senior roles, building a resilient internal leadership pipeline.
- Boosted production reliability through proactive monitoring, performance tuning, and secure coding.
- Managed full-lifecycle delivery of distributed systems from discovery to high-volume production.

**Oct 2019 – Apr 2020**Publicis Sapient,  
Gurgaon**Associate Technology Level 2**

- Contributed to frontend development for Heathrow Airport Holdings using ReactJS, Redux, and modern web technologies.
- Delivered key features including global search, dynamic data views, and flight management functionality.
- Promoted modular, testable code practices to improve maintainability and team efficiency.
- Consistently delivered high-quality features under tight deadlines.

**May 2017 – Sep 2019**

MiSport, Gurgaon

**Senior Software Engineer**

- Built a real-time match-search engine supporting scorecards, ball-by-ball stats, video, and live streaming.
- Enhanced PVM+ with player modules, highlights, tagging systems, and rich media features.
- Contributed to video player, newsfeed, timeline, and podcast platforms with responsive multi-device support.
- Partnered with API teams to optimize performance and ensure seamless integrations.

**Apr 2015 – Apr 2017**MagikMinds,  
Hyderabad**Software Engineer**

- Developed hybrid and native Android applications using Ionic and Angular.
- Built real-time appointment and task management systems (Book a Service, COPSZ).
- Delivered safety-focused apps with panic alerts and emergency notification features.
- Designed GPS navigation and GIS-based solutions for field operations.

**Apr 2014 – Apr 2015**Heartynote,  
Hyderabad**Co-Founder**

- Led end-to-end development of a secure personal social networking platform.
- Designed scalable user experience features including dashboard, personalized feeds, and profile management.
- Engineered private group-sharing (ROOM) and real-time engagement modules.
- Implemented core systems including notifications, search, and activity tracking.

## ACHIEVEMENTS

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**2020**

Publicis Sapient

**Best Performer****2016**

MagikMinds

**Consistent Performer**

## EDUCATION

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**2010 - 2014**Jawaharlal Nehru  
Technological  
University Kakinada**B. Tech.**

Computer Science and Engineering

## SKILLS

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- Engineering Leadership & Team Building
- Stakeholder Management & OKRs
- Cross-functional Collaboration
- Mentoring & Talent Pipelines
- Product Development & Delivery
- Agile, Sprint, Roadmap Management
- Application Performance & Monitoring
- Engineering Governance
- System Design & Distributed Systems
- Cloud Strategy & Infrastructure
- Resiliency & Scaling
- Backend: Java, Spring Boot, and Node.js.
- Data: SQL, NoSQL, and ElasticSearch.
- Web & Mobile: ReactJS, React Native, JavaScript, and TypeScript.