

# PRANABESH SINGH

## Associate Lead Product Engineer

+91 98353 55180 | [singh@pranabesh.com](mailto:singh@pranabesh.com) | [pranabesh.com](http://pranabesh.com) | Hyderabad, India  
[linkedin.com/in/pranabeshsingh](https://linkedin.com/in/pranabeshsingh) | [github.com/pranabeshsingh](https://github.com/pranabeshsingh)

## PROFESSIONAL SUMMARY

High-impact Associate Lead Product Engineer with a history of directing teams of up to 8 product engineers to deliver enterprise-grade fintech solutions. Specialized in full-cycle product delivery, from lead architectural design of Payment Failure Rollback mechanisms to the modernization of 50+ legacy enterprise modules. Combines deep technical expertise in Java 21, Docker, and Kubernetes with a strategic focus on reducing operational overhead and accelerating CI/CD deployment cycles by 35%.

## TECHNICAL SKILLS

**Languages:** Java, SQL, JavaScript/TypeScript, ReactJS, Shell Script, Python, SwiftUI

**Databases:** Advanced Oracle Stored Procedures, MySQL, MSSQL, Redis, Distributed Locking

**Infrastructure:** Docker (DCA), Kubernetes, RHEL (RHCSA), Nginx

**Observability:** Prometheus, Grafana

**Domain:** Banking Fintech, Payment Security (SCA), Limits Frameworks, NLP for Financial Advisory

## PROFESSIONAL EXPERIENCE

### Temenos

#### Associate Lead Product Engineer

July 2024 – Present

Hyderabad, India

- Architecture:** Led the design of the 'Limits Framework' and engineered a 'Payment Failure Rollback' mechanism, ensuring zero data loss during high-volume processing failures.
- Modernization:** Orchestrated Java 21 upgrades and cross-platform stored procedures for Oracle, MySQL, and MSSQL, achieving synchronized user lifecycles.
- Performance:** Optimized approval and limits systems to achieve sub-100ms latency, maintaining strict SLA compliance for global banking modules.
- AI Integration:** Spearheaded the integration of NLP libraries (spaCy, NLTK) using RAG-based architectures for AI financial advisory; achieved a 10% uptick in customer satisfaction and reduced query response time by 60ms.
- Scale:** Engineered high-precision distributed API rate controllers optimized for a strict 2,800-hit/24-hour execution window.

### Temenos

#### Senior Product Development Engineer

July 2022 – July 2024

Hyderabad, India

- Efficiency:** Achieved a 96% reduction in service response time (50s to 2s) and reduced UI draw time by 80% (12s to 2s).
- Leadership:** Directed a team of 8 product engineers to deliver scalable business banking modules while maintaining legacy version stability.
- Security:** Spearheaded security audits and implemented Strong Customer Authentication (SCA) for global banking solutions.
- Infrastructure:** Modernized legacy banking microservices to improve scalability, supporting increased load from global enterprise clients.

### Temenos (formerly Kony, Inc.)

#### Software Development Engineer

July 2018 – July 2022

Hyderabad, India

- Transition:** Executed the modernization of numerous legacy Quantum Visualizer projects following the Kony acquisition.
- Optimization:** Developed CI/CD tasks for PR merge checks, reducing app build time by 35% and binary size by 30%.
- Full-Stack:** Consistently delivered robust full-stack solutions and developed web services for enterprise platforms.

## EDUCATION

### KIIT University

2015 – 2019

Bachelor of Technology (BTech) in IT

## CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA)
- Docker Certified Associate (DCA)
- Meta Front-end Developer Associate (Coursera)
- SwiftUI Masterclass 2022 (Udemy)
- Temenos Cloud: Azure, AWS, and GCP Essentials