

Sudhakar Anand

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Professional Summary

Software engineer with **4 years of backend development experience**, specializing in distributed and scalable systems in the FinTech domain. I'm passionate about exploring new technologies and using them to solve real-world problems. I enjoy working as an **Individual Contributor (IC)**, taking ownership of my work and focusing on building solutions that create real impact.

Education

B.Tech in Computer Science, Visvesvaraya National Institute of Technology, Nagpur July 2017 – May 2021
CGPA: 8.35/10

Experience

Software Engineer, ACS International India Pvt. Ltd. Feb 2025 – Present
Pune, India

- Contributed to Research and Development initiatives to build **AI-driven tools**, such as automated metadata extraction from submitted manuscripts and a manuscript matching system to identify similar published works.
- Contributed to cloud migration efforts for the **ACS Publications AI modules** from on-prem to **AWS**.
- Worked with vector databases like **OpenSearch** and **Vertex AI** for similarity search to identify similar publication manuscripts.

Senior Software Associate, Lentrna Oct 2023 – Jan 2025
Pune, India

- Led backend development of a **Java/Spring Boot** Loan Origination System, improving throughput and reliability for banking clients.
- Architected an **event-driven notification microservice using Kafka**, processing over 100k messages daily with near-zero errors.
- Implemented a **secure SFTP file transfer pipeline** handling multi-gigabyte data loads, ensuring compliance with banking security standards.
- Optimized database performance through **indexing** and **caching strategies**, reducing query times by 60%.
- Spearheaded Non-Functional Requirements initiatives: resolved **SonarQube**-identified vulnerabilities and **upgraded Java from version 8 to 21**.
- Designed and developed a **scheduler** to automate daily and weekly business report generation, reducing manual effort and improving accuracy.
- Mentored junior engineers, establishing coding best practices and conducting **code reviews** to enforce industry coding standards and promote effective use of **design patterns**.

- Developed **RESTful** backend modules for a digital lending platform using **Java** and **Spring Boot**, enabling rapid feature delivery.
- Integrated **Spring Security** and **Hystrix** to build fault-tolerant communication layers for third-party APIs, enhancing system resilience.
- Collaborated closely with QA and Product teams to maintain 95%+ bug-free release cycles and streamline **CI/CD** processes.

Key Achievements

- **GTS Champion Award** — ASC-I India (2025): Award Recognition of outstanding exceptional engineering contributions that have significantly advanced the success of the team.
- **Spot Award** — Lentr AI (2024): Recognized for outstanding effort and contribution.
- **User Journey Excellence Award** — Federal Bank (2023): Developed a platform with exceptional user experience.
- **Clean Coder Award** — Lentr AI (2022): Recognized for coding discipline and craftsmanship.
- **LeetCode Knight Badge** — LeetCode (2025): Achieved the Knight badge on [LeetCode](#). Among the top 5% of active profiles.
- **Competitive Examinations** — Qualified JEE Mains (2017), JEE Advanced (2017), and GATE (CSE) (2022).

Programming Skills

- **Languages:** Java, Python, C++, SQL
- **Technologies:** Spring Boot, Microservices, FastAPI, AWS, Docker, Kubernetes, Kafka, PostgreSQL, MongoDB, Hibernate, Redis, Git, Linux