

#### SOFTWARE ENGINEER II

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"Seasoned Java backend developer with 8 years of expertise in Fintech."

# Work Experience \_\_

JP Morgan Chase & Co.

Bangalore

SOFTWARE ENGINEER II July 2021 - August 2024

- · Specialized in backend engineering, infrastructure architecture, and finance domain expertise.
- Led a team of 5 engineers to architect, develop and design the standardization of payment settlement clearing processes across corporate investment banks.
- Delivered major projects, such as **BACS and SIC CHF**, implemented **ISO 20022 standards** for partner banks and clearing houses. Demonstrated expertise in financial transactions and messages, including **Direct Debit, Direct Credit, and PACS**.
- Played a pivotal role in the successful migration of a legacy project to the latest tech stack, resulting in a 5x increase in transaction processing speed.
- Fixed a critical log4i data leak vulnerability in December 2021, delivering the fix to production across all connectors within 48 hours.
- · Managed end-to-end sprint processes for product releases, including sprint planning, demos, retrospectives, and sprint closure.

**Harman** Delhi

SENIOR SOFTWARE ENGINEER August 2019 - July 2021

- Member of the Hoffman Roche team, developing health diagnostics IoT devices that collect essential data for disease diagnosis and analysis.
- · Performed POC assessments to evaluate and select HIPAA-compliant tools, libraries, and frameworks.
- Finalized API architecture, ensuring capacity to handle up to 10k concurrent requests.
- Detected and mitigated security vulnerabilities introduced through external libraries, using tools like Raven scan for generating and analyzing detailed reports.
- · Developed data pipelines to aggregate IoT device data, facilitating daily report generation for the ML team.
- Designed and implemented robust authorization and authentication systems with OAuth2.

Nucleus Software Delhi

SOFTWARE ENGINEER July 2016 - July 2019

- Started my journey as Associate Software Engineer at one of the leading provider of lending and transaction banking software for banks and financial institutions.
- Optimized table structures, reducing database hits and enhancing application performance by 3x across teams.
- Created a modular statement of account reporting system with multiple file output options.
- · Designed and implemented APIs enabling bankers to customize loan disbursement and repayment options.
- · Engineered web connectors to help loan management service fetch important details from customer data service.
- Added functionality to add secondary account & its roles and authorisation to an active loan.

## Skills

**Languages & frameworks:** Java · Spring · Vert.x · Hibernate

**Tools & Technology:** SpringBoot · Microservices · Kafka · Postgres · Oracle sql database · Redis · Docker · JUnit · REST API · Git · JIRA

### Honors & Awards \_\_\_\_\_

2023 **Employee Appreciation Award Q4,** For exceptional contributions to Graphite

JP Morgan

2017/18 **2 Spot award**, For outstanding work performance.

Nucleus Software

2018 **Special recognition award**, For back-to-back successful product releases.

Nucleus Software

# Education \_\_\_\_\_

#### **Guru Gobind Singh Indraprastha University**

Delhi

B.Tech computer science

March 2012 - August 2016