

Gaurav Pandey

PRINCIPAL ENGINEER

<https://www.linkedin.com/in/gaurav-pandey-gp/>

OBJECTIVE

To secure a dynamic Technical Lead/Principal Engineer role where my extensive experience in software development, team leadership, and technical expertise can be applied to drive innovation, streamline processes, and deliver high-quality solutions.

EDUCATION

- Bachelor of Engineering MITS, Gwalior | 2007
- 12th NCHS, Gwalior | 2002
- 10th NCHS, Gwalior | 2000

SKILLS

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| • Java 17 | • Prometheus |
| • Software Architecture | • Open Search |
| • Kafka | • Grafana |
| • Google Guice | • Robot Framework |
| • Relational Databases | • Agile |
| • Multi-Threading | • GIT |
| • Microservice | • Jenkins |
| • ATDD | • Team Leadership |
| • Docker | • Capital Markets |

RECOGNITIONS

- Achieved "First Runner Up" (Workflow Monitor) in Hackathon 2019 at ION.
- Developed several utilities and worked on PoCs which are now used in products across ION and received recognition from higher management for the same.
- High performer award at Royal Bank of Scotland •
- Honored with "Feather in My Cap (FIMC)" awards as tokens of appreciation at Wipro

CONTACT

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ABOUT ME

15+ years of hands-on experience in the full software development lifecycle using Agile methodology and principles, I bring a wealth of knowledge in product development, system design, and software methodologies. My career journey reflects a deep commitment to delivering cutting-edge solutions and guiding teams towards success.

CERTIFICATIONS

AWS Certified Cloud Practitioner

Redis for Java Developers

AI – Local LLM & RAG
Implementation using Java
Spring

WORK EXPERIENCE

PRINCIPAL ENGINEER | ION TRADING IRELAND LIMITED | May 2022 – Present

ION FX – CAF (Common Alerting and Monitoring)

- Worked on instrumentation of different business metrics.
- Designing Grafana dashboards around Four Golden Signals (Throughput, Latency, Error, Saturation).

ION FX Re-engineering – STP API

- Worked on design and implementation of ION Straight through processing workflows to work with Kafka
- Developed a component to subscribe to Kafka broker and feed in trades to ION STP API
- Conducted thorough code reviews, provided mentorship to junior developers, and contributed to the creation of technical documentation.
- I coordinated with the Product Owner, Scrum Master, and Architect to define sprint scopes and guarantee on schedule delivery of project milestones.

Barracuda FX - Order Management System (OMS)

- I identified issues with existing Automation test infrastructure and created a backlog and worked on it in priority to reduce overall test execution time, which helped in freeing up test resources from repetitive manual work.
 - Dockerized OMS platform to help reduce the overall cost of installing OMS on developer's machine and in automation environment. In future, plan is to move OMS docker containers in production.
 - Worked with product team to define scope of sprint, customer releases and get the work done with development team.
 - Contributed to day-to-day feature development and bug fixing in OMS.
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TECHNICAL TEAM LEAD | ION Trading PVT. LTD. | November 2013 – May 2022

Exchange Trade Processing (XTP)

- Worked on design and development of ION's flagship product related to management and reporting of Exchange Traded Derivatives.
 - Leading team of developers for high quality on-time delivery of software, involved in product backlog management, estimation of monthly/quarterly release, identification and minimizing the Lean wastes.
 - Leading the tech initiatives with-in groups of developers, conducting fortnightly meetings to review tech backlog, identification of technical pain points of products and prioritization of tasks accordingly.
 - Working with global teams to streamline the development methodologies and best practices.
 - Working on future of product to make it multi-tenant, to reduce the cost of ownership of product and highly scalable architecture for tier 1 customers having large volume of data.
 - Proactively identified and resolved critical bottlenecks, significantly improving application performance.
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SOFTWARE DESIGNER | Royal Bank of Scotland India (Contract) | Feb 2012 – Nov 2013

- Participated in a variety of projects, in RBS's credit risk and excess management reporting department.
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SOFTWARE ENGINEER/SENIOR SOFTWARE ENGINEER | Wipro Technologies/Ericsson Ireland (Contract) | Aug 2007 – Jan 2012

- Participated in a variety of projects, with a focus on Ericsson initiatives, assuming various roles and progressing from a software engineer to senior software engineer/designer.