



Achintya Gaumat

Senior Technical Lead (Backend & Frontend)

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PROFESSIONAL SUMMARY

5+ years of JAVA Experience & 8 years overall experience in software development, I geek out over crafting solutions that push boundaries & solve real-world challenges.

From architecting robust systems to mentoring budding talents, I'm all about driving innovation & results.

SKILLS

JAVA SpringBoot Hibernate

Kafka Microservices

Distributed System REST

FRONTEND

ReactJS Redux

DATABASES

MySQL Redis GraphQL

DEVOPS

AWS Docker CI/CD

GENAI

Python Langchain FastAPI

ACCOMPLISHMENTS

Standing Ovation Award (x 3 times)

by Newgen on Feb 2023 (Beta), May 2023 (GA) & Feb 2024 (Marvin)

IIT JEE Qualified

IIT JEE 2012 AIR 8394

Co-Applied Patent

Stateless Hierarchical Micro UI Design Pattern (2024)

WORK EXPERIENCE

Sr Lead Design Engineer at Newgen Software | Apr 2024 - Present

- **KEY SKILLS** : JAVA, SpringBoot, Python, FastAPI, Engg Management
- **ROLE** : Leading & mentoring a cross-functional team of 5 developers to architect & build an Agentic Workflow Designer.
- **KEY ACHIEVEMENTS** : Optimized Marvin's (RAG system) Q&A data retrieval by reducing P99 latency from 3 sec to <200 ms using Redis.
- **Highlights** : Leading cross-stack module development (backend, frontend, GenAI) & finalizing specs with product managers.
- Integrated Hugging Face API for dynamic discovery of generative AI models & built a UI based workflow for custom fine-tuning, end to end deployment & usage across applications.
- Designed a scheduler service for large-scale dataset fine-tuning during off-peak hours, saving over 40% on token costs.
- Engineered a highly available Kafka cluster to ensure reliable inter-agent communication.
- Led development of the flagship RAG application layer Marvin using Langchain, enabling Q&A, document parsing & data modeling.
- Managed a team of 2 developers to deliver ChatGPT like configurable conversational UI, collaborating closely with UI/UX designers.
- Initiated unofficial town hall conversations between developers & key stakeholders with help of HR reps, boosting dev morale.

Sr Software Engineer at Newgen (via CodeVyasa) | Apr'22 - Apr '24

- **KEY SKILLS** : JAVA, SpringBoot, MySQL, Kafka, Docker
- **ROLE** : Worked on the transformation of Newgen's flagship Workflow automation software from monolith to a microservices architecture.
- **KEY ACHIEVEMENTS** : Architected & developed a Kafka-integrated, generic SDK that standardized event streaming across 6+ internal teams, reducing integration efforts by 50% & boosting throughput by 30%.
- **HIGHLIGHTS** : Conducted an analysis of a 700K+ line monolithic codebase, mapping over 150 API endpoints & identifying 10 critical modules.
- Designed & implemented RESTful APIs that could handle an average of 10K rpm, achieving a 50% improvement in response times.
- Conceptualized & developed a highly configurable & scalable rate limiter system, protecting infrastructure against DDoS attacks up to 10K RPS.

SOFT SKILLS

Public Speaking

Leadership

Mentorship

EDUCATION

B.Tech CSE HBTI Kanpur | 2012–16

12th TAI Meerut | CBSE | 2012

10th TAI Meerut | CBSE | 2010

INTERESTS

Listening to Podcasts | Exploring places

- Containerized microservices using Docker, increasing resource utilization efficiency by 50%.
- Established automated CI/CD pipelines using Jenkins & GitLab, reducing deployment times by 80%.
- Deployed a monitoring & logging solution with Prometheus & the ELK Stack, decreasing MTTD by 50% & MTTR by 40%.
- Conducted 50+ technical interviews & established a robust candidate pipeline, streamlining talent acquisition for the next 6 months.

Founder & Frontend Developer at Twowaits Tech | Mar'20 – Mar'22

- KEY SKILLS : ReactJS, Redux, GraphQL, AWS
- ROLE : Contributed to the development of Tathastu, a flagship community-based learning platform for engineering students.
- HIGHLIGHTS : Designed & implemented key features, including User Authentication, Feed, & a Study Material Library.
- Integrated third-party services such as Vimeo, Razorpay Payment Gateway, & Msg91.
- Developed a reusable component library utilized across 7+ modules, enhancing code consistency & maintainability.
- Optimized website performance, improving page speed scores by 30–40 points, reducing Time to Interactive (TTI) by ~2 seconds, & First Input Delay (FID) by ~200ms.

Founder & Strategy at Twowaits Tech | Sep'19 – Feb'20

- Non-technical role, primarily focused on prototyping, showcasing POCs to interested entities, and pitching to investors.

Founder & JAVA Developer at Twowaits Tech | Mar'17 – Sep'19

- KEY SKILLS : JAVA, SpringBoot, MySQL, AWS
- ROLE : Developed backend services for the Twowaits Learning App.
- HIGHLIGHTS : Implemented multiple REST endpoints for core features, including Authentication, Dashboard, Learning Materials, & Scorecard.
- Developed a scheduler service using Spring Scheduler & Firebase Cloud Messaging to efficiently send 100K+ notifications daily.
- Scaled backend services to handle 20K+ concurrent users by implementing database partitioning, query optimization, & connection pooling to enhance performance & reduce latency.

Associate Software Engineer at Nucleus Software | July'16 – Feb'17

- KEY SKILLS : JAVA, SpringBoot, MySQL
- ROLE : Contributed to the enhancement of FinnOne Neo, the flagship lending platform of Nucleus.
- HIGHLIGHTS : Implemented enhancements in key features, including User Onboarding, KYC-based Document Verification, & Loan Disbursal.
- Designed & implemented PL/SQL procedures to efficiently migrate 20GB of data from an older FinnOne version to the latest release.