Angad Anil Gosain

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SUMMARY

- **Software Engineer with 3+ years' experience** building scalable web applications, microservices, and cloud-native solutions.
- **Expert in Java, Python, React.js, and AWS**, with hands-on experience in secure authentication, API design, and performance tuning.
- **AI/ML implementation experience**: integrated fraud detection systems, knowledge of LLM-based tools, and predictive analytics into production environments.
- **Core Competencies:** Microservices Architecture, Cloud-Native Development, Performance Optimization, Secure Authentication (OAuth 2.0, JWT, RBAC), REST API Design, CI/CD Automation, Agile/Scrum.

EXPERIENCE

Software Engineer | Capital One – Remote   June 2023 – Present

- **Achieved a 3× boost in system concurrency** by refactoring a monolithic banking system into Spring Boot/Node.js based microservices.
- **Drove ~50% drop in fraud incidents over 6 months** by collaborating with data science and security teams to integrate an ML-based fraud detection REST API (FastAPI).
- **Cut manual reporting time by 3–4 hours/week** by leading cross-functional collaboration with product and QA teams to deliver a React-based real-time financial dashboard.
- **Decreased average query latency by 50%** in AWS RDS analytics pipelines by coordinating with data engineers to tune Apache Spark ETL jobs.
- **Improved compliance readiness by 75%** by implementing secure authentication with JWT, OAuth 2.0, and role-based access control (RBAC).
- **Reduced incident detection and recovery times by ~3 hours** by spearheading Prometheus and ELK Stack-based observability tooling development across teams.
- **Elevated test coverage from 60% to 85%+** by mentoring peers and driving unit/integration tests using JUnit and Mockito, increasing post-release confidence.

Software Engineer | Tata Consultancy Services – Mumbai, India   October 2020 – July 2022

- **Improved system uptime by ~25%** by maintaining 10+ Java Spring Boot microservices, reducing production support tickets.
- **Accelerated feature delivery by 2 sprint cycles** by collaborating with cross-functional teams to design scalable RESTful APIs and implement service-oriented architecture (SOA).
- **Reduced database latency from 120ms to 85ms** by working closely with database and infrastructure teams to implement Redis caching, enhancing user experience.
- **Increased throughput by 30%** by developing Apache Kafka-based asynchronous event pipelines.
- **Reduced post-release bugs by 50%+** by facilitating Agile sprint planning, conducting code reviews, while mentoring junior engineers.

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript
Frameworks: Spring Boot, FastAPI, Node.js, React.js, Next.js
Databases: PostgreSQL, MySQL, MongoDB, Redis, Apache Spark, Hibernate, Elasticsearch
DevOps & Cloud: AWS (EC2, S3, RDS, Lambda, DynamoDB), GCP, Docker, Jenkins
Testing & Automation: JUnit, Mockito, Postman, Maven
Monitoring & Observability: Prometheus, ELK Stack, CloudWatch
AI/ML: TensorFlow, PyTorch, LangChain, Hugging Face, LLM integration

EDUCATION

University of Central Florida   **Orlando, FL**
Master of Science in Computer Science   August 2022 - May 2024

University of Mumbai   **Mumbai, IN**
Bachelor of Engineering in Computer Engineering   August 2016 - October 2020