

Vishal Gautam

Full – Stack Software Engineer

Dynamic and results-driven software engineer with a focus on full-stack development, data solutions, and machine learning. Aiming to leverage extensive experience in the banking sector to drive innovative technology solutions.



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CORE COMPETENCIES



- ❖ Full Stack Development
- ❖ Software Development Life Cycle (SDLC)
- ❖ Generative-AI
- ❖ Product Management
- ❖ Agile & Scrum Methodologies
- ❖ CI/CD Pipelines
- ❖ Database Management
- ❖ Cloud Technologies
- ❖ Unit & Integration Testing
- ❖ Performance Optimization
- ❖ Requirement Gathering
- ❖ Technical Documentation
- ❖ API Integration



SOFT SKILLS



EDUCATION

- ❖ B.Tech., Electronics and Communications, Delhi Technological University (Formerly DCE), 2018
- Minor Project:** Android Application for Microcontroller Programming
- Major Project:** Android Application for Creating Apps Without Code



TECHNICAL SKILLS

- ❖ **Back-end Technologies:** Java, Spring Boot, Spring Batch, Spring Reactive, Hibernate, REST API, Python
- ❖ **Front-end Technologies:** ReactJS, Next.js, JavaScript, Axios, Tailwind CSS
- ❖ **Databases:** Oracle, SQL, Hazelcast, Hive, Impala, MongoDB, Redis
- ❖ **DevOps & Cloud:** Docker, OpenShift, Jenkins, uDeploy, TeamCity, AppDynamics, Kibana, Kafka, Eureka, CI/CD
- ❖ **Tools & Platforms:** GitHub, Bitbucket, Confluence, Jira, MS Office, Cloud Services (AWS, GCP, Azure), Virtual Machines (VM), Linux, Agile methodologies, Scripting, PR Reviews



PROFILE SUMMARY

- ❖ Accumulated **over 6 years** of comprehensive experience in **software engineering**, **specializing in full-stack development and data management** within the financial services industry, **particularly in commercial banking**.
- ❖ Currently working as an **Assistant Vice President at Citi Commercial Banking**, leading the development of **advanced data solutions** and managing the integration of **innovative technologies to enhance operational efficiency**.
- ❖ Developed a robust **skill set encompassing solution design, team leadership, and effective communication**, with a proven ability to manage complex projects and deliver high-quality results in fast-paced environments.
- ❖ Proficient in **designing and implementing solutions** across the entire **software development cycle, including planning, design, development, testing, and deployment**.
- ❖ Skilled in **using Agile methodologies** to drive **iterative development**, ensuring fast, efficient delivery of **high-quality software solutions**.
- ❖ Achieved significant **cost savings and operational improvements** by revamping client onboarding workflows, resulting in an **impressive reduction of \$800K** in expenses through the implementation of **reusable low-code solutions**.
- ❖ Established **exceptional leadership capabilities**, fostering a collaborative team environment that encourages innovation and drives **project success while mentoring junior engineers in best practices and technical skills**.
- ❖ Possesses in-depth knowledge of distributed **caching technologies, particularly Hazelcast, enabling the creation of scalable solutions** that support thousands of users and **enhance data processing capabilities**.
- ❖ Knowledgeable in the **latest advancements in machine learning and artificial intelligence**, actively experimenting with **automation bots and predictive models to enhance data-driven decision-making processes**.



WORK EXPERIENCE

Citi Commercial Banking, Pune, Maharashtra
Growth Path:

Aug'20 - Present



Assistant Vice President

Jan'24 - Present

- ❖ **Leading the development and onboarding** of global data solutions for **Citi Commercial Banking (CCB)**, implementing a **data lake** powered by **Hazelcast distributed caching on Hive**, handling large-scale data for optimized processing and access.
- ❖ Scaling the **caching solution** to support **10,000+ internal users** and a large customer base, improving data access speed and reducing latency across the system.
- ❖ Directing the implementation of real-time data sourcing, provisioning, and **analysis** processes, integrating **machine learning** models and **Gen AI** to provide predictive insights for business operations.
- ❖ Rolling out the **Marketing Metrics platform**, enhancing marketing teams' ability to derive actionable insights for performance optimization.
- ❖ Executing a **Proof of Concept (POC)** that reduced **KYC Turnaround Time (TAT)** by **90%**, and optimized **Salesforce CRM** processes, delivering substantial cost savings.

Senior Software Engineer	Jan'22 – Dec'23
❖ Led the development of a scalable Hazelcast cache solution , optimizing data access with latency ranging from 8-100ms and handling 10,000 requests per second , improving system responsiveness and performance.	
❖ Created and deployed a Marketing Metrics analytics application , enabling CCB's marketing team to gain actionable insights, leading to a 91% increase in leads , 60% revenue growth , and a 15% improvement in revenue/spend ratio .	
❖ Designed and implemented a Data Management Tool for efficient file upload and validation , streamlining the handling of files up to 5 GB , improving processing time and reducing manual errors.	
❖ Developed a Payment Management System with entitlement-driven features, ensuring seamless payment processing and monitoring for over 3,000 commercial banking clients , enhancing the client experience and operational efficiency.	

Software Engineer	Aug'20 – Dec'21
❖ Revamped the client onboarding workflow by designing and implementing a reusable low-code solution , resulting in \$800K in cost savings by eliminating the dependency on JBPM for workflow management.	
❖ Developed microservices architecture for key functionalities such as email , database access , notification , and entitlements , improving system modularity and reducing deployment times by 30-40% .	
❖ Collaborated with cross-functional teams to enhance system efficiency and scalability, contributing to faster product delivery and smoother client onboarding processes.	

Software Analyst	Aug'18 – Jul'20
❖ Developed a User Preference app for the Client Insights platform , enabling 2,000+ users to customize views and enhance their experience, driving higher user engagement and satisfaction.	
❖ Conducted POCs on MongoDB, ELK, and Oracle functions , achieving a 60% improvement in system performance by optimizing database queries and enhancing data processing capabilities.	
❖ Led the migration of a Liferay-based application to a modern stack with Angular and RESTful microservices , streamlining the application architecture, improving maintainability, and boosting performance.	

INTERNSHIP

Intern	Dec'16 – Jul'17
Indian Railways, SportsCult, Samsung R&D Institute	
❖ Developed an employee attendance app for Indian Railways , resulting in a 35% reduction in non-compliance and delays, streamlining the attendance management process.	
❖ Implemented a sports training and event management app for SportsCult , enhancing the management of activities for 500+ students , improving overall coordination and tracking.	
❖ Contributed to a Proof of Concept (POC) for Bixby assistant integration, enabling third-party social media apps to interact with the assistant, enhancing its capabilities.	

PERSONAL DETAILS

- ❖ **Date of Birth:** 10th August 1994
- ❖ **Languages Known:** English & Hindi
- ❖ **Address:** Pune, Maharashtra
- ❖ **Passport No.:** R4497204