

## Contact

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## Top Skills

PyTorch  
LangChain  
DevOps

## Languages

English (Full Professional)  
Hindi (Native or Bilingual)  
Marathi (Native or Bilingual)

## Certifications

Python Essential Training  
Connect to and Transform Data  
AI for Product Management  
Explore and Analyze Data  
Enterprise Design Thinking  
Practitioner

## Honors-Awards

HSBC Innovation Star Award 2018

# Ravi Mahajan

Lead Consultant | FullStack | DevOps + Multi-Cloud | AI/ML | NLP | CV | GenAI | MLOps  
Chicago, Illinois, United States

## Summary

Lead Software Engineer | Cloud Architect | Full Stack Developer | AI | NLP | CV | GenAI | MLOps

AI Lead Software Engineer with over 6 years of experience architecting and delivering scalable, high-performance distributed systems, Java microservices, and full-stack applications on AWS, Azure, and GCP. Proven expertise in driving 30–50% performance improvements, leading cross-functional teams of 6+, and owning the end-to-end Software Development Life Cycle for mission-critical financial systems.

Passionate about system design, cloud architecture, and mentoring teams to deliver innovative, reliable, and fault-tolerant solutions.

## Technical Expertise:

Languages & Frameworks: Java, Spring Boot, Angular, React, TypeScript

# Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, Terraform, Jenkins, Git

Architecture: Microservices, REST APIs, Event-Driven Systems (Kafka, RabbitMQ)

# Databases: PostgreSQL, MySQL, Oracle, MongoDB, Redis

Tools & Other: Power BI, Tableau, Ethereum Blockchain

## Leadership & Certifications:

- ✓# Led agile teams, mentored developers, and promoted cross-functional collaboration
- ✓# Certified Scrum Master (CSM) & Certified Scrum Product Owner (CSPO)
- ✓# Strong in system design, scalability, and performance tuning
- ✓# Strategic thinker with a sharp business-technical alignment mindset

Let's Connect:

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## Experience

Genpact  
Lead Consultant  
August 2023 - Present (2 years 4 months)  
United States

Growjunction  
Product Manager  
June 2022 - September 2022 (4 months)

TravelSite

- Conducted market and consumer research to implement a Full Stack web application, collaborating closely with the UI/UX designer to create intuitive website features. Presented a competitive analysis for phase 0 approval of upcoming products

- Proficient in using MS Project, Smartsheet, Jira, and Confluence for product management. Increased the product launch efficiency by 20% through automation and debugging solutions
- Developed pricing models to evaluate product profitability

Deutsche Bank

Associate

December 2020 - June 2022 (1 year 7 months)

Risk Appetite – Angular, Java, TypeScript, HTML, CSS, Oracle, SQL , Google Cloud Platform (GCP)

- Led development of a full stack web product using technologies Angular, Java, Spring Boot, and Oracle, hosted on the GCP
- Conducted thorough research to select the most effective rich text editor and ultimately implemented CKEditor, which supports custom dropdowns, table cell validation, and footnote addition among other features.
- Oversaw all aspects of the Risk Appetite product at Deutsche Bank, including creating the product roadmap, making feature decisions, and optimizing the user experience.
- Developed an application similar to MS Word that integrated a content management approval/rejection workflow, resulting in a 50% increase in efficiency by reducing the time it took to generate and approve risk appetite documents from 2-3 months to approximately 2 weeks
- Migrated the application to GCP, utilizing various services such as:
  - Google Compute Engine for virtual machine instances to run the application
  - Google Cloud Storage for storing and serving static files
  - Google Kubernetes Engine for managing containerized deployments
  - Google Cloud SQL for managing the Oracle database
  - Google Cloud Pub/Sub for asynchronous messaging and event-driven architecture
  - Google Cloud IAM for managing access control and permissions
  - Utilized ora2pg, a powerful tool, to migrate the Oracle database to PostgreSQL, enabling seamless integration with the application on GCP
- Conducted assessments of 3 new team members, reviewed code written in Java and Angular, and collaborated with 4 teams to identify and resolve production defects

HSBC

Software Engineer

April 2018 - November 2020 (2 years 8 months)

Banking 2.0

- Developed a dynamic configuration mechanism to display localized content, currency, and payment options in alignment with market-specific requirements. Leveraged Angular, HTML, CSS, and AEM to ensure seamless user experience and adherence to global compliance standards
- Established and managed a Slack channel for over 300 developers to troubleshoot daily engineering issues, while also reviewing and approving JIRA and GIT pull requests
- Conducted Angular training sessions for new project members, performed code reviews, and collaborated with multiple teams to resolve critical and high priority production issues on various banking features implemented in Angular and AEM
- Leveraged Angular, Java, and AEM to build and enhance 5 banking journeys for HSBC, ensuring high performance and scalability.
- Successfully developed and launched applications in 32 global markets, including the India Add Payee and US Add Beneficiary journeys, which have a large user base
- Reviewed daily JIRA updates and 3-4 GIT pull requests as a senior resource, as part of day-to-day activities

#### Digigram - Social Portal

- Designed and implemented an in-house social portal for the organization to publish department-level news and events, featuring live polls, announcements, and news/event feeds. Integrated JIRA and Confluence tools for streamlined project management.

#### Automated Integration of Splunk and JIRA for Issue Management (SRE) – Python, JIRA (JQL), Splunk

- Automated the retrieval of client production issues/errors from Splunk to JIRA on a weekly basis
- Developed Python scripts to segregate issues/errors and generate Excel reports based on issue priority
- Standardized JIRA tickets using template by categorizing them according to severity and issue type
- Leveraged Python for seamless integration and efficient issue management
- Reduced manual effort and ensured consistency in ticket creation
- Improved team productivity and response time to critical issues

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## Education

University at Buffalo School of Management, The State University of New York  
Master of Science - MS, Management Information Systems, Technical Product Management

Centre for Development of Advanced Computing (C-DAC)  
PG diploma, Advanced Computing

University of Mumbai  
Bachelor of Engineering - BE, Electronics and telecommunication