RAJAT SRIVASTAVA

Senior Full-Stack Software Engineer
Cloud & Generative AI Specialist

Relevant experience: **7+ years**

Total experience: 7+ Years

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📍 Bengaluru

Work Experience

PricewaterhouseCoopers (PwC AC)
Senior Associate – Full-Stack Engineer

Feb 2021 - present
5+

- **Designed and built a distributed microservices platform** for automated tax workpaper generation, reducing manual processing by **80%+** and supporting concurrent enterprise users.
- **Optimized performance-critical Excel workflows** using streaming OpenXML processing, reducing overall engagement processing time from **40 minutes to under 3 minutes**.
- **Led a Proof of Concept (POC) for a major airline** to assist converting legacy **COBOL code to Java** using **Agentic AI (CrewAI)** and Python, securing project delivery approval.
- **Architected 4 production-grade services** (orchestration, classification, estimation, Excel processing) using **Python/FastAPI**, **.NET 8**, and event-driven messaging.
- **Spearheaded Frontend Architecture Modernization** using **React 18** and **TypeScript**, integrating the **PwC AppKit** library to build reusable components and complex financial dashboards, ensuring a consistent and modern enterprise UI.
- **Developed a 'First-of-its-Kind' Global Delivery Tool** on **Power Platform (Power Pages & Automate)**, used by **PwC US & AC teams** to standardize service delivery for high-visibility engagements.
- **Built AI-powered document classification pipeline** using LLMs, vector embeddings, and hybrid search, enabling automated identification of complex Excel structures.
- **Owned cloud infrastructure and deployments** using containerized services, async queues, secure secret management, and production monitoring.
- Built internal **GenAI developer platform**, accelerating application delivery by **40%** through reusable components and prompt-driven automation.
- **Led the M365 Migration Initiative**, building a custom **Power Platform migration tool** with **Power Automate** workflows to transition dashboards from **Tableau to Power BI**, reducing defects to **<1%**.

Mindtree Ltd
Senior Software Engineer

Oct 2018 - Jan 2021
2+

- **Built full-stack, cloud-based platforms** for a global luxury hospitality client, improving reservation systems, payment flows, and analytics.
- Delivered solutions that directly contributed to **20% revenue growth** and **20% increase in user retention**.
- **Improved frontend performance by 40%** through code-splitting, lazy loading, and React optimization techniques.
- Responsible for driving **performance and security optimization** across the consumer website, ensuring compliance with global standards.
- Developed reusable UI component libraries, increasing engineering velocity across teams by **30%**.
- Built real-time analytics dashboards using cloud data (DOMO), enabling data-driven decision making for healthcare clients.

Certificates and Awards

- **Microsoft Azure Fundamentals (AZ-900)**
- **Generative AI & Advanced Prompt Engineering**
- **React & TypeScript - The Practical Guide**
- **Programming for Everybody – Python**

Summary

Senior Full-Stack Software Engineer with **7+ years** of experience building large-scale, distributed system and high-performance web applications. Specialized in **React**, **Node.js** and **Python**, with deep expertise in cloud-native microservices on **Microsoft Azure** and **Generative AI** integrations. Proven ability to design end-to-end systems, drive **80%+ automation**, significantly reduce critical workflow latency, and deliver measurable business impact.
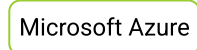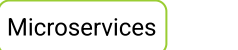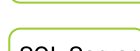
Career Objective

Seeking a Tech Lead role to drive technical excellence, mentor engineering teams, and architect scalable, high-impact solutions leveraging distributed systems, cloud infrastructure, and AI technologies.

Technical expertise

JavaScript (ES6+)

TypeScript

Python

SQL

React / Next.js

Node.js / Express

Skills / Exposure

Microsoft Azure

Microservices

Docker

Vector Embeddings

Power Apps / Platform

LLMs (Large Language Models)

Azure AI Search

PostgreSQL

SQL Server

MongoDB

Engineering Practices

System Design

CI/CD Pipelines

Modular Design

Distributed Systems

Education

- Computer Science
B.Tech (RTU)   Apr 2014 - Jul 2018

10th and 12th -
The Chintels School   Aug 2012 - Jul 2014