

# PRAJAKTA SHEVAKARI

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## PROFESSIONAL SUMMARY

- Results-driven Software Engineer with 6+ years' experience, delivering 50+ high-impact software solutions across industries.
- Strong problem-solving and analytical skills, driving efficient solutions in complex software systems.
- Passionate about innovation and continuous learning, quickly adapting to new technologies and evolving industry trends.

## EDUCATION

### Johns Hopkins University

Master's, Computer Science

August 2024 - December 2025

- Artificial Intelligence, Machine Learning, Natural Language Processing, Human Language Technology, Product Management, Software System Design, Parallel Computing for Data Science

### Savitribai Phule Pune University

Bachelor's, Computer Science

August 2013 - May 2017

GPA: 3.8

- Data Structures and Problem Solving, Cloud Computing, Business Analytics and Intelligence, High-Performance Computing, Computer Networks, Advanced Computer Programming, Design and Analysis of Algorithms

## SKILLS

- **Programming Languages & Technologies:** Java, Python, AngularJS, Bash, HTML/CSS, JavaScript, Node.js, PL/SQL, Perl
- **Frameworks, Servers & Dev Tools:** NLP, LLMs, Transformer, Spring, Hibernate, JMS, Tomcat, Apache Kafka, Chef, Autosys, Jupyter, Maven, Jenkins, Teamcity, Git, Putty, Pentaho, Eclipse, JUnit, Neural Networks, Apache Spark, Excel
- **Databases, Cloud & BI Tools:** SQL, Oracle, REST APIs, Microservices, AWS, ServiceNow, Splunk, YellowfinBI

## PROFESSIONAL EXPERIENCE

### Barclays

Lead Development Engineer

Pune, India

April 2023 - May 2024

- Led the iterative design process and development of a state-of-the-art web dashboard which transformed real-time transactional data from the backend office into key insights, empowering executives to make informed decisions confidently.
- Reimagined and automated the disaster recovery deployment pipeline, reducing release time from 4+ hours to under 10 minutes.

### JP Morgan Chase

Software Engineer III

Mumbai, India

October 2021 - April 2023

- As part of the JPMC Regulatory Reporting team across the APAC region, hosted and supported the reporting platform's backend, completed 7 major POCs within a month to finalize the system architecture, and deployed 15 production releases.
- Effectively led the cloud migration project that migrated terabytes of data from on-prem data sources to AWS.
- Developed a robust Java and Spark tool that connects to AWS, fetches raw data, enriches it, generates reports, and stores output back to AWS.
- Reduced Mean Time to Resolution (MTTR) by 70%, from 6 days to under 2, by redesigning legacy modules for resilience and ease of debugging; resolved multiple critical production defects.

### FIS Global

Software Engineer

Pune, India

July 2017 - October 2021

- As team lead for one of the middle office projects, ensuring the system seamlessly performs various essential functions, including trade processing, enrichment, ETL, static validation, exception reporting, and data transformation.
- With the added responsibility of a Release Manager delivered over 90 weekly releases with a 95% on-time delivery and achieved high quality by monitoring, scrubbing and prioritizing showstopper defects daily.
- Received the Above and Beyond award for delivering the static bulk upload feature, automating manual tasks and saving 10+ hours weekly for operations and support teams.

### BMC Software

Software Development Intern

Pune, India

August 2016 - April 2017

- Built a data analytics and reporting platform for BMC BladeLogic Network Automation (BNA) using machine learning to extract insights from large datasets.
- Integrated Yellowfin BI for live reporting, enabling dynamic analytics and improving decision-making over static reports.

## PROJECT

- D-FuseSmileNet - Deep Learning for Spontaneous Smile Recognition: Built a transformer-based classifier for spontaneous smile detection using fused handcrafted and learned features, achieving state-of-the-art accuracy on 4 public datasets.
- Clinical NER with LLMs and Chain-of-Thought Prompting: Built an LLM-driven annotation pipeline for Bengali medical text using few-shot and CoT prompting, boosting NER model F1 to 46.0 and eliminating manual labeling.

## ADDITIONAL EXPERIENCE

- Course Assistant, Operating Systems – Johns Hopkins University
- ILLD Fellow – Python Developer – Johns Hopkins University

## EXTRACURRICULAR ACTIVITIES

• Diploma in Bharatnatyam

• Hiking

• Mindfulness Practitioner