

ASHUTOSH SAWANT

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EDUCATION

State University of New York, Binghamton

August 2025 - May 2027

Master of Science in Computer Science

- Coursework: Systems Programming, Programming Languages, Operating Systems, Design & Analysis of Computer Algorithms, Introduction to Machine Learning, Computer Networks, Computer Architecture & Organization, etc.

Mumbai University, India

June 2018 - May 2022

Bachelor of Engineering in Computer Engineering

GPA: 3.51/4

- Coursework: Software Engineering, Data Structures, Database Management, Object Oriented Programming, Python Programming, Cloud Computing, Operating Systems, Project Management, Deep Learning, Data Engineering etc.

EXPERIENCE

Priceline.com (A part of Booking Holdings Inc.), Mumbai, India

October 2022 – July 2025

Associate Software Engineer

- Designed and implemented a supplier file consumption system for Priceline using Apache Camel in Java, enabling file polling on REST/SFTP exchanges and GCP, automating finance reconciliation process and optimizing data ingestion
- Built an ETL pipeline leveraging an API contract with the RMS database to map and enrich finance reconciliation entries, transforming them into structured Parquet records and routing unmatched records to a supplier-only bucket, enhancing data accuracy and process efficiency
- Architected the base architecture for a supplier response mocking framework using functional programming thereby resolving airline test environment instability; the design was endorsed by the Architect group and fully developed as a quarterly goal by the Mumbai team
- Developed functionality to support the ticketless carriers in the USA from supplier Amadeus, handling 1000+ daily bookings

Junior Software Engineer

- Built 6 RESTful API web services using Spring Boot facilitating seamless interaction from suppliers and airlines enabling the sale of their content on the platform. The APIs receive over 80,000 hits daily
- Migrated Harness secrets to Google secret manager to deprecate consumption of harness, increasing application security
- Implemented code for Multi Passenger type bookings which receives over 1500 bookings daily for US outbound flights to book cheaper fares for child passengers, thus driving profitability

Graduate Engineering Trainee

- Integrated Netflix's Java library 'Hollow' for efficient static data distribution from the cloud, enabling updates only upon data alterations, resulting in a 90% reduction in cloud costs
- Gained comprehensive knowledge of the Flight Business by collaborating with renowned suppliers like Sabre, Amadeus, Galileo and cross-functional teams like Post Booking, Data Analytics, Cares and Finance

Zenpanda, Mumbai, India

March 2022 – October 2022

Software Engineering Intern

- Collaborated with 4 team members to launch a new website application (timedojo.io) using python on Pomodoro focus technique for students and working population for increasing productivity
- Developed a Chrome extension using Java Script and HTML which restricted the usage of social media platforms like YouTube beyond the user allocated time tracking inactivity and offering valuable insights into users' focus hours

PROJECTS

Priceaction: Interactive web app for technical zone detection on candlestick charts

March 2024 – September 2024

- Built a scalable Flask app providing real-time equity insights, reducing manual analysis by 80%
- Developed a custom Python algorithm to detect optimal stock entry and exit signals, delivering exceptional prediction accuracy of 85% across diverse market conditions
- Integrated OpenAI's GPT-4 API to provide natural language explanations and risk assessments for technical zones, enhancing user decision-making confidence

TECHNICAL SKILLS

- Programming:** Java (11,17,21), C, Golang, Python, Javascript, SQL, SPL
- DBMS & Cloud:** MongoDB, GCP, PostgreSQL, AWS
- Frameworks & Tools:** Git, Spring boot, Camel, Django, Flask, web2Py, Splunk, Jira, Thoughtspot, Miro, New Relic

EXTRACURRICULAR ACTIVITIES

- Achieved 1532 FIDE rating by International Chess Federation, ranked 1st for 3 straight years at District Chess Championship
- Volunteered with Khana Chahiye NGO to raise funds and establish a computer lab for 200+ underprivileged children