ASHUTOSH YADAV

Mumbai, Maharashtra · +91-8779626956 · ashutoshy115@gmail.com · LinkedIn · GitHub

PROFESSIONAL SUMMARY

Software Engineer with 2 years' experience delivering SaaS solutions for Fortune 500 clients (Sony, Universal Studios). Skilled in Java, Spring Boot, and modern web technologies with hands-on expertise in microservices, security, and scalable systems. Pursuing MSc in Computer Science at University College Dublin to advance expertise in software engineering and quantitative computing.

WORK EXPERIENCE

Software Engineer — Capgemini Technology Services   *Mumbai, India — Mar 2024 – Aug 2025*

- Engineered and deployed settlement and billing workflows for a SaaS theatrical booking platform used by Sony & Universal Studios, ensuring accurate revenue distribution across 1000+ transactions weekly.
- Reduced manual settlement approval time by 40% through automated workflow design, improving operational efficiency.
- Delivered 4 production-grade application screens as part of Agile Scrum teams with bi-weekly releases, collaborating with QA, Product Owners, and Business Analysts to align deliverables with client needs and enable seamless version upgrades.
- Led a training batch of new hires in Core Java, providing mentorship and technical guidance alongside project deliverables; collaborated with team leads to accelerate onboarding, foster teamwork, and ensure fresher readiness for live projects.

Data Analyst Associate — Morningstar, Inc.   *Mumbai, India — Oct 2023 – Feb 2024*

- Orchestrated the management of complex private equity data, improving workflow efficiency by 30% through the implementation of superior fund evaluation and data routing criteria.
- Quantified market research and data analysis insights that directly contributed to a 15% increase in the overall client retention and satisfaction rate.

Web Development Intern — Sahu Technologies   *Mumbai, India — Jun 2022 – Jul 2022*

- Architected and launched a dynamic, single-page application front-end using AngularJS, directly enhancing user experience and interactivity for key client web projects.

TECHNICAL PROJECTS

Flight Booking System — *Java, Spring Boot, Microservices, Angular*

- Architected a high-availability flight booking platform using a microservices architecture to ensure scalability and independent service deployment.
- Integrated RabbitMQ to manage asynchronous communication, ensuring data consistency across distributed services and reducing message delivery time by 25%.
- Fortified API endpoints against unauthorized access by implementing a robust security layer with Spring Security and JWT.

Training Management System — *Java, Spring Boot, Microservices, Angular*

- Designed a modular training management system leveraging Advanced Java features (Streams, Lambdas).
- Used MongoDB for efficient data storage and retrieval, improving query performance.
- Integrated a Google Gemini-powered LLM to serve as an intelligent chatbot, providing users with on-demand training support.

Spotify Playlist Downloader — *NodeJS, ExpressJS, React, MongoDB Atlas*

- Built and deployed a full-stack web application on Vercel, integrating the Spotify API to fetch and process user playlist data dynamically.
- Designed a resilient backend service to automate song retrieval and storage in MongoDB Atlas using GridFS for efficient handling of large binary file data.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** Spring Boot, React, Angular, Node.js, Express, Hibernate
- **Databases & Messaging:** MongoDB, MySQL — RabbitMQ
- **Cloud & Tools:** Azure, Docker, Git, IntelliJ, VS Code, Eclipse

EDUCATION

University College Dublin   *Dublin, Ireland*
MSc Computer Science (Negotiated Learning)   *Sept 2025 - Aug 2026*

Thakur College of Engineering and Technology   *Mumbai, India*
B.Eng Information Technology (CGPA - 8.34)   *May 2019 - Jun 2023*

PUBLICATIONS & CERTIFICATIONS

- **Publication:** "Disease Prediction System" – Multicon W Conference, published in the International Journal of Innovative Research in Technology.
- **Certifications:** Microsoft Azure Fundamentals (AZ-900) — Java Masterclass (80 hrs, Udemy) — SQL (Coursera)