

ASHUTOSH SANTOSH JAGDALE

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EDUCATION

Indiana University Bloomington

Indiana, USA

Master of Science, Computer Science (GPA: 3.67/4)

August 2023 - May 2025

Related Coursework: Applied Algorithms, Artificial Intelligence, Software Engineering, Machine Learning, Database Concepts

Savitribai Phule Pune University

Pune, India

Bachelor of Engineering, Information Technology (GPA: 8.77/10)

August 2017 - May 2021

Related Coursework: Data Structure, Data Analytics, Operating System, Computer Network, Cloud Computing, Web Technologies

TECHNICAL SKILLS

Languages:	C, C#, C++, Java, Python, Angular, React, JavaScript, HTML, CSS, Bootstrap, TypeScript, Scala, Swift
Databases and Frameworks:	MySQL, MongoDB, Flask, RedShift, Node.JS, Ruby, Spring MS, ASP.NET, Apache, Junit, Selenium
Software and Tools:	STS, Eclipse, Jupyter, MySQL Workbench, VS Code, Android Studio, Git, Postman, Jenkins, Docker
Certifications:	Infosys Certified Software Programmer, Microsoft Azure Fundamentals (AZ-900), AWS Cloud Practitioner Essentials, CISCO Networking Academy – IOT, Databricks Generative AI Fundamentals
Miscellaneous:	AWS, GCP, ML, AI, Cloud Computing, Data Structure, Gen AI, API, DDR, GTN, Linux, Agile, SDLC

WORK EXPERIENCE

Specialist Programmer/ Full Stack Developer

August 2021 - August 2023

Infosys Limited

Pune, India

- Executed deployment tasks, focusing on subscription, payment migration, loyalty, and services, overseeing **65** intricate tasks with flawless success rate of **100%**, ensuring smooth transition to production & enhancing customer experience using Python.
- Led the successful deployment of **4** connectors in production for CRM platforms like Drift, Mixpanel, Yahoo Ads and Zendesk, managing over **100,000** records, demonstrating proficiency in acquisition, parsing, development, and testing across use cases.
- Spearheaded the systematic assimilation of project tasks by directing and guiding a **12-member** team, resulting in fast project timelines & enhanced team proficiency; achieved **35%** reduction in project timelines and increased team productivity by **55%**.

Data Analyst Intern

April 2021 - July 2021

Tuljai Enterprises

Pune, India

- Pioneered data-driven strategies to optimize operations and generated reports on Excel and PowerPoint to conduct trend analysis, enhancing data accuracy and generating a remarkable **40%** increase in sales; demonstrated analytical prowess.
- Directed a collaborative effort involving **14** stakeholders working on projects for IoT applications using Arduino, gathering data to review **1200** data points, assess **45** tasks for optimization, and drive rationalized processes resulting in a **30%** increase in operational efficiency.

PROJECTS

FlickFix- Movie Booking Management System | Node.js, Express.js, React, MongoDB, JavaScript

January 2024 - May 2024

- Orchestrated the creation of 'FlickFix,' an innovative online movie ticket platform, achieving a **75%** enhancement in booking efficiency and a **70%** improvement in transaction completion rates by deploying a scalable architecture.
- Championed the incorporation of pivotal system features such as real-time booking updates, secure payment processing, and an admin dashboard, collectively amplified user engagement by **50%** and decreased workloads for theatre owners by **50%**.

Epharmacy | Spring Boot, Spring Cloud Consul, Arduino, Angular, HTML, CSS3, MySQL

February 2023 - April 2023

- Created a cutting-edge web application for an online pharmacy, driving a substantial **95%** surge in user satisfaction levels, quantified through user feedback analysis, extended time-on-site observations, and heightened conversion rates.
- Engineered system scalability by implementing **5** microservices, enhancing user features, and configurations, leading to a **60%** increase in system performance and reliability, managed routing with a gateway and load balancing by integrating Arduino based systems and inventory management and real time environmental monitoring.

Fake News Detection using Machine Learning | ML, Python, Android development

August 2020 - June 2021

- Developed an Android application to detect fake news, leveraging feature engineering techniques to achieve an **88%** accuracy in identifying fake articles; evaluation metrics including precision, recall, and F1 score confirmed the model's effectiveness.
- Analyzed and compared effectiveness of **5** Machine Learning models through rigorous critique and data examination, identifying optimal model for enhanced decision-making; improved model selection proficiency by **25%** and elevated predictive accuracy.
- Research Paper Publication: [Fake News Detection using Machine Learning](#), International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 07 | July 2021.