

ADITYA AGARKHED

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Education

Indiana University - Bloomington
Master's, Data Science

August 2023 - May 2025
GPA: 3.67

University of Mumbai
Bachelor's, Computer Science

August 2017 - June 2021
GPA: 3.4

Professional Experience

Capgemini

Senior Software Engineer

Navi Mumbai, Maharashtra, India

July 2021 - July 2023

- Spearheaded the streamlined development processes across multiple projects by initiating the creation and deployment of reusable software components, utilizing C#, ASP.NET MVC, and SQL Server, resulting in a 50% reduction in development time across three distinct projects.
- Successfully tackled the challenge of enhancing functionality and reducing code size in legacy code bases by overhauling them to align with modern development standards, ultimately achieving a 10% reduction in code size while simultaneously elevating functionality.
- Proactively addressed the challenge of enhancing organizational knowledge and project efficiency by producing over 100 technical entries for company knowledge-based articles, showcasing my expertise and contributing to a significant 15% improvement in project efficiency.
- Guided the DSTUM to elevate team productivity by orchestrating synergy among a team of seven developers, leading to a substantial 20% improvement in overall efficiency.

Trivia Softwares

Java Developer

Mumbai, Maharashtra, India

June 2020 - July 2020

- Played a pivotal role in addressing the challenge of reducing development cycle time across project phases by orchestrating a seamless workflow, resulting in a notable 15% reduction in overall development cycle time.
- Met the challenge of accelerating project timelines and efficiency by engineering immaculate and functional code for web applications, contributing to a collaborative achievement of a remarkable 25% acceleration in project timelines.

Awards & Certifications

ECE Award | Capgemini

Rising Star Award | Capgemini

AZ- 900, AI-900, DP-900 | Microsoft

Python for Everybody Specialization, Fundamentals of Scalable Data Science, Applied AI with Deep Learning | Coursera

Technical Skills

Languages: C#, Python, Java, R, SQL(Postgres, MS SQL, MySQL, Oracle), MongoDB, JavaScript, HTML, XML, JSON,CSS
Frameworks: ASP.NET (.NET MVC, .net WEB API), jQuery, React, Node.js, ExpressJS, Bootstrap, TensorFlow, PyTorch, Scikit Learn
DevOPS and API Tools: IIS, Git, Docker, TFS, Postman
Cloud: Azure, JetStream2, SSIS, SQL Server, SSRS
Others: Data Modelling, Agile, Debugging, Root Cause Analysis

Projects

MICRO LOAN MANAGEMENT SYSTEM

Backend Developer

- Conceptualized and developed a dynamic micro loan management web application for my bachelor's final year project, showcasing proficiency in full-stack development by utilizing the MERN stack.
- Led the implementation of the backend using NodeJS and MongoDB, effectively managing data and ensuring seamless interactions within the system.
- Designed and implemented RESTful APIs, significantly enhancing the application's functionality and user experience, showcasing a practical application of theoretical knowledge in real-world scenarios.

TECH STORE - <https://tech-store1904.netlify.app>

Web Developer

- Orchestrated the end-to-end development of an innovative e-commerce website specializing in electronic gadgets, leveraging the MERN (MongoDB, Express.js, React, Node.js) stack for a robust and dynamic platform.
- Implemented advanced features such as user authentication, real-time product updates, and seamless payment gateways to enhance the overall user experience and ensure a secure and efficient online shopping environment.
- Integrated responsive design principles, optimizing the website for various devices and screen sizes, thereby reaching a wider audience and enhancing accessibility for potential customers.

STUDENT MANAGEMENT SYSTEM - <https://github.com/aditya1704/Student-Management-System>

Java Developer

- Engineered a comprehensive Student Management System, showcasing Java development expertise, with a focus on user-friendly interfaces achieved through the implementation of the Java Swing module for the graphical user interface (GUI).
- Employed the Hibernate framework to establish seamless integration with an Oracle database, ensuring efficient data management and retrieval. This choice of technology contributed to the application's scalability and performance.