Ashish Anand Damale

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Education

Master of Science in Software Engineering	Expected May 2026
Arizona State University – Tempe, Arizona	**GPA**: 3.78/4.0
Bachelor of Engineering in Computer Engineering	May 2023
University of Mumbai – Mumbai, India	**GPA**: 3.78/4.0

Technical Skills

Java, Python, JavaScript, ReactJS, NodeJS, ExpressJS, TypeScript, HTML, CSS, Sass, Tailwind, Material UI, SQL, MySQL, MongoDB, Docker, Kubernetes, Git, Object Oriented Programming, PowerBI Data Analysis, Machine Learning, AWS S3, AWS Glue, Agile Development, Data Structures, Algorithms, Solidity, Linux, GitHub, PHP

Work Experience

Full Stack Developer Intern, Ramrao Adik Institute of Technology   June 2021 – August 2021

- Developed an exam software web app in ReactJS to automate 90% of exam-related tasks such as hall ticket generation and mark-sheet entry, with real-time updates and cross-platform compatibility.
- Applied NodeJS libraries for data migration and generated 500+ PDFs of hall tickets to streamline access and enhance efficiency.
- Engineered a highly secure and scalable login page capable of supporting over 1,000 simultaneous users, ensuring a seamless user experience across multiple platforms.

Python Developer Intern, Trivia Software   December 2020 – March 2021

- Designed a Management System Project with help of Tkinter for Graphical User Interface (GUI) to improve user–friendly experience.
- Implemented Python Database Connectivity with SQLite3 for database connectivity and management, organizing over 1000 records efficiently, and ensuring reliable data operations.
- Collaborated with a team of 5 developers to optimize code, revamping system performance by 25% and contributing to a more scalable and efficient solution.

Project Experience

Identification of Fake Products using Blockchain

- Constructed a blockchain-based system which accurately identified counterfeit products with success rate of 95%, ensuring reliability and efficiency for large-scale operations.
- Implemented robust server-side functionality using PHP processing over 10,000 data entries while efficiently managing database with MySQL to ensure high performance and data integrity.
- Deployed and optimized smart contracts for more than 500 transactions using Solidity, ensuring efficient and secure execution while maintaining transparency of blockchain network.

Scrum Simulator

- Developed a Scrum Simulator in Java, simulating up to 10 team members, 5 sprints, and various sprint lengths (1-4 weeks) with configurable user story priorities and team velocity.
- Managed over 50 tasks and tracked progress using Taiga, ensuring 100% completion of sprint goals through effective backlog management and Agile ceremonies.
- Tested 10+ unit tests and conducted 5 code reviews per sprint via GitHub, maintaining high code quality and seamless integration across 2 sprints.

Publications

Identification of Fake Products using Blockchain
International Conference on Computing Communication Control and Automation (ICCUBEA)
https://doi.org/10.1109/ICCUBEA58933.2023.10392222

Certifications and Courses

Node.js, Express, MongoDB & More: The Complete Bootcamp (Udemy)
Python Data Structures (Coursera – University of Michigan)