

Aditya Mehta

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EDUCATION

Master of Computer Science

Arizona State University, Tempe, AZ

Expected - May 2025

3.67/4.00

Bachelor of Technology in Computer Science

University Of Petroleum and Energy Studies, Dehradun, IN

Aug 2016 – May 2020

7.78/10.00

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML/CSS, Typescript, PHP

Frameworks/Libraries: Pandas, NumPy, Matplotlib, Angular, Django, Spring, Spring Boot, OpenCV, PyTorch, Apache Hadoop, GraphQL, TensorFlow, Scikit-Learn

Developer Tools: MySQL, Oracle Database, Amazon Web Services (AWS), Google Cloud Platform (GCP), GitHub, GitLab, Jira, ScenarioEditor, Google Suite, Docker, Linux, Microsoft Office, Selenium, JMeter, Conda, Jenkins, Ansible, Apache Maven, Microsoft Azure

PROFESSIONAL EXPERIENCE

Software Engineering Lead

Capgemini India (General Motors, US)

Feb 2023 – Jul 2023

Bengaluru, IN

- Implemented an architecture for parallel processing in images using load balancers, reducing 40% of scenario processing time.
- Transferred project knowledge to new joiners, cutting down onboarding time to project by half.
- Orchestrated and delivered ideas to stakeholders, subsequently allocating those tasks to development team while diligently overseeing progress using agile design and scrum tools such as JIRA and GitHub.

Software Engineer

Larsen & Toubro Infotech (Scania AB, Sweden)

Jul 2020 - Feb 2023

Bengaluru, IN

- Headed 4 software development teams to develop the ALTO System to track client APIs and tabulate consumption of services, saving well over 20 hours of manual work a week.
- Built SAPS API Service for client API/Subscription manipulation, serving over 600 customers globally reducing the hassle to connect with support team.

Software Developer Intern

Caratlane India

May 2019 – Jul 2019

Chennai, IN

- Used object-oriented programming to create a back end/ dashboard for prioritizing and monitoring tasks for 8+ development teams using AWS and Django reducing 100% manual work of sorting and responding to mails.
- Developed a crm dashboard to monitor/ manage containers/ images via GUI or a remote console helping non-coders access and manage containers.

PROJECTS

Smart Farm Assistant | C++, Arduino, Tensiometers, ISE Sensors

- Developed a web dashboard for efficient sprinkler control, tailored to soil and crop types, significantly reducing irrigation inefficiencies and enhancing crop yield and health."
- Enabled soil nutrient/ pH tracking using ISE sensors informing the farmer about manure and fertilizers needs

Automated Parking System | Python, Arduino, Ultrasonic Sensors and Infrared Camera

- Developed an android and IOS application to detect and guide incoming traffic to empty parking spaces.
- Implemented fare calculation and parking time tracking using infrared camera and tensorflow model.
- Achieved a 94% success rate during the 10 day prototype implementation within the university.

Moodyz | Python, Hadoop, Docker, Android Studio

- Developed an android application that detects user sentiments using Fisherface Face Classifier and python scripts achieving a 91.3% success rate.
- Created a real-time storage scaling using a nested Hadoop storage setup.
- Implemented voice automation in the system using google voice recognition and a self trained ML Model with over 43k training images.