

Mohit Arora

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EDUCATION

Pune Institute of Computer Technology

Bachelor of Engineering in Information Technology — 8.66/10

Pune, IND

Aug. 2017 – July 2021

EXPERIENCE

Software Developer

Sep 2021 – Present

Barclays Global Service Center

Pune, IND

- Designed and developed REST APIs using Flask and Oracle for the Trading desk, facilitating trade booking and real-time risk generation of securities, reducing response time by 90%.
- Implemented a Python-based algorithm to automate report generation, categorizing "worst to deliver" securities, enabling proactive business decisions and risk mitigation.
- Developed ETL pipelines to process missing historical data from external vendors, enhancing trading models and improving the accuracy of risk assessments.
- Led the migration from FTP to SFTP for internal and external vendors, increasing data security and reducing vulnerability to tampering or interceptions.
- Managed RHEL migrations to newer versions, addressing security vulnerabilities, ensuring compliance, and enhancing system performance while securing long-term vendor support.

Project Associate

July 2020 – Mar 2021

Apex Meditech

Pune, IND

- Designed and developed a Central Management System (server and client) software for Electronic Charging Station using Open Charge Point Protocol in Python.
- Developed Web App and Mobile App for user and admin.

PROJECTS

Anna | TFLite, Dart, Flutter

Jan 2021 – Feb 2021

- Developed an AI-powered mobile application that functions as an interactive yoga instructor, utilizing live video feed for real-time pose recognition.
- Integrated computer vision and deep learning models (Keras) to provide step-by-step guidance for each yoga asana, enhanced with voice recognition for user interaction and conversation.
- Link: <http://bit.ly/yogainstructor3>

YourMart | Django, MySQL, Bootstrap, Git

Feb 2020 – Mar 2020

- Built a full-featured E-Commerce Web Application enabling users to order products and daily utilities from stores listed on the platform, ensuring seamless shopping from the comfort of their homes.
- Link: <http://bit.ly/yourmart1>

TECHNICAL SKILLS

Languages: Python, C/C++, Dart, SQL

Databases: MYSQL, MSSQL, Firebase, SQLite, Oracle

Frameworks: Django, Flask, Flutter, Bootstrap

Developer Tools: JIRA, Confluence, Git, Bitbucket, Google Cloud Platform, AWS, Code Magic, Nexus, Teamcity, Sonarqube

ACHIEVEMENTS/ AWARDS

CodeNBuild 2.0 Hackathon — WINNER — (2020-2021) — (Anna - AI-Powered Yoga Instructor)

Smart India Hackathon — WINNER — (2019-2020) — (Created two automated synchronous drones.)

Pradnya (Coding event) — Event Head — (2020-2021) — (Organized Competitive coding event)

CERTIFICATIONS

AWS CLOUD PRACTITIONER — Dec 2023