

SHIVAM MEHTA

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Education

University of Mumbai, Mumbai, India

Aug 2017 - Nov 2020

Bachelor of Engineering, Computer Engineering (CGPA – 7.35)

Maharashtra State Board of Technical Education, Mumbai, India

Aug 2014 - Jun 2017

Technical Diploma, Computer Engineering (CGPA – 8)

Languages, Technologies & Certifications.

Programming Languages and Framework: Python, SQL, Django, Flask, Machine Learning, Deep Learning, HTML5, CSS, TensorFlow, PyTorch.

Tools and Technology: Power Apps, Power Automate, Power Virtual Agent, Power BI, Azure, Microsoft SQL Server, SQLite, Excel, Jupyter notebook, Linux, Ubuntu.

Skills: Requirements gathering and analysis, Project Management, Webapp Development, Resourceful.

Certifications: [PL - 900](#), [AZ - 900](#), [DP - 900](#), [AI - 900](#).

Work Experience

Mastek, Navi-Mumbai, India | Software Engineer

Jan 2021 – present

- Developed a SQL database on cloud servers to store client data and performed analysis for clients report deliveries using python.
- Demonstrated and built statistical & machine learning systems resulting in solving large scale customer focus problem.
- Worked with senior engineers and testing team to develop robust solutions to meet client requirement for functionality, scalability and performance.
- Facilitated research and analysis to 10+ pilot programs and innovation initiatives.
- Created 3+ web applications for commercial projects, using python, deep learning, Django.
- Gathered data and evaluated patterns, meaningful insights to deliver analysis on consumers and competitors.

Toppr, Mumbai, India | Winter Internship | Content Developer | Analyst

Jan 2019 – Jan 2019

- Content development for grade 05-12
- Redesigned data source & Conducted data analysis on question bank to extract business insights.

Ithaka, Mumbai, India | Summer Internship | Community outreach Intern

Jun 2018 – July 2018

- Assembled travel experts & conducted workshops to promote different programs on available services.

Projects

Shoplifting Detection System (Python, Deep learning)

- Implemented an automated approach to detecting behaviors with shoplifting using surveillance footage with deep learning model.

Shelf Replenishment System (Python, Deep learning)

- Responsible for data gathering using SQL queries and extracting data from S3 bucket.
- Created different versions of similar content of data in order to expose the model to a wide array of training examples, increasing accuracy by 20%.
- Trained yolov5 model on a customized dataset using Pytorch framework.

Call Center Analytics (Python, Deep learning)

- Initiated solution for call center analytics to perform intent classification, speaker diarization, and converting speech to text.
- Trained a model using NLP technique such as RNN and LSTM and tested the model on a wide variety of data.

Real Time Employee Care Application (Python, Power Apps, Power Bi, Power Automate, Power Virtual Agents)

- Designed and published interactive dashboard and application on power apps leveraging power bi.
- Processed python in data analytics to collect, understand, transform, cleanse. Store and share 5,00,000+ users data, leading to Increase efficiency in all process.
- Automated the whole process using power automate, reducing turnaround time significantly & launched conversational agents that were able to suggest important measures based on current or pervious interactions.

Resume Preselection System (Python, Django, SQL, NLP)

- Coauthored in application tracking system which is capable of screening objectively resumes without bias to identify best fit for a job based on thresholds, specific criteria or scores.

Healthcare management System (Python, Django, SQL)

- Developed and designed layout to build web application & fetched data using SQLite and utilized Django for rapid development of secure and maintainable webapp.