

# DARSHIL MEHUL MEHTA

+91-9969529095

darshilm223@gmail.com

LinkedIn

Portfolio

Github

## EDUCATION

K.J. Somaiya College Of Engineering, Mumbai

August 2019 - June 2023

Bachelor of Technology, Computer Engineering

CGPA : 9.16

## WORK EXPERIENCE

Accenture Solutions Pvt. Ltd., Mumbai

February 2025 - Present

Application Developer - Spring BOOT, Angular.js, MongoDB, RabbitMQ, Python

- Spearheaded the Generative AI initiative for the Institutional Servicing value stream, driving ideation, use case identification, and architectural strategy across a team of 300+ stakeholders including tech leads, architects, and product owners.
- Investigated and resolved critical MongoDB replica set failover issues by implementing a centralized retry logic within the core framework, achieving a 100% reduction in file processing failures during primary node elections.
- Recognized with the 'All Star Award' for PI 25.1 for delivering high-impact solutions including innovation-driven automation tools, compliance-related enhancements for new SECURE Act provisions, and critical defect fixes under tight deadlines.

TIAA Global Capabilities (India) Pvt. Ltd., Mumbai

July 2023 - February 2025

Application Developer - Spring BOOT, Angular.js, MongoDB, RabbitMQ, OpenShift, Cucumber, Jasmine

- Implemented an algorithm to optimize use of production resources, based on historical memory usage of batch jobs.
- Led the integration of Artificial Intelligence and Machine Learning across various domains of the project.
- Awarded with the 'All Star Award' for PI 24.1, for successfully working on several production defects and new features.
- Monitored and resolved real time production defects and implemented features compliant with the US Government regulations.
- Consistently maintained more than 70% of code coverage for the newly added code, further reducing corner case failure events.

NxtBig Software Labs Pvt. Ltd., Bengaluru

January 2023 - June 2023

Full Stack Software Developer - Supabase, NextJs, Zustand, Prisma, PostgreSQL

Certificate

- Developed a headless ecommerce SaaS platform that acts as a liaison between users and vendors offering financial services such as ITR filing, GST filing, investment advisory, property advisory, etc.
- Implemented robust authentication based on OAuth2 and JWT, along with integration of third party auth providers like Google.
- Created dynamic rendering forms, coupled with local persistence, to capture user data for tax computations.
- Instituted a discounting module and dynamic invoice generator for generating invoices and quotations based on past orders.

## PROJECTS

Audio Sentiment Analysis for Customer Call Satisfaction | Python, JavaScript, Tensorflow, Audio Signal Processing

- Creating an online web-based solution for large business organizations to analyze customer call recordings and for customer-care executives to understand their performance while solving the problem caused by the skewed real word ratings.
- Integrating an analytical dashboard for admins at an organization to collectively view performance of their employees and for employees to view their personal performance.
- Implementing various models using the combination of signal processing and deep learning algorithms to categorize a call recording into the following sentiments: Fear, Happy, Angry, Sad, Surprise, Disgusted and Neutral.

Newzter : A News Summarization Platform | Python, Django, PostgreSQL, Tensorflow

Github Link

- Developed a news portal that summarizes the news content published by leading news distributors over 8+ countries.
- Constructed a pipeline that scrapes news at every 6 hours from trusted news websites and articulates the content within 5 sentences.
- Developed an interactive app displaying event-related media and enabling news sorting by country and sentiment.
- Integrated a webpage using the data obtained from Yahoo Finance APIs that helps analyze the stock market of different countries.

Capture IT | Flutter, Dart, Firebase

Github Link

- Developed a mobile application using Flutter that allows users to understand the world around them using just their camera.
- Integrated text translation, QR scanning, and optical character recognition (OCR) features using the firebase ML kit.
- Developed a pipeline that enables the users to translate the text within images to over 50+ different languages.
- Designed and implemented a user-friendly interface using Flutter's built-in widgets and design elements.

## TECHNICAL SKILLS

Languages: Java, Python, Javascript, C

Databases: MySQL, PostgreSQL, MongoDB, OracleDB, Supabase

Frameworks: Spring BOOT, Angular, NextJs, Django, React

Others: Git, OpenShift, AWS, Jira, Heroku, Firebase

## ADDITIONAL CERTIFICATION

1. Machine Learning for everyone (Stanford University)
2. Deep Learning Specialization (DeepLearning.AI)
3. 30 Days of Google Cloud (Google, Certificate)

4. Data Analytics with Python NPTEL Swayam (Top 1%) - 92/100
5. Deep Learning NPTEL Swayam (Top 2%) - 84/100