

JASH DALAL



+91-9322970898



dalal.jash@gmail.com



[Jash's Profile](#)

Objective

To enhance and learn new technical, communication and teamwork skills for creation of cutting-edge technology and its improvisation. I am inquisitive and deeply interested in Machine Learning, Deep Learning and Computer Networks.

Education

- 1. College of Engineering, Pune (COEP)** [Sep 2017 - May 2021]
 - B.Tech, Information Technology
 - CGPA - 8.74/10
- 2. Pace Junior Science College** [Sep 2015 - May 2017]
 - 12th Board Score (HSC): 88.15%
 - JEE Main Percentile: 98.94
 - JEE Advanced Percentile: 95.1
- 3. Jasudben M.L. School** [Sep 2003 - May 2015]
 - 10th Board Score (ICSE): 96.5%
 - Overall Science (PCB) Topper

Work Experience

- **Summer Intern at Standard Chartered Bank** [May 2020 – July 2020]

Automated Database Scripting

This project dynamically generated database scripts for inputs given by a data-modeler to perform operations on the database. The data-modeler could request generation of scripts in PostgreSQL and DB2. It is a multi-threaded, cross-platform utility using a django frontend (supporting all browsers that support bootstrap-v4) and a Python backend. It tracks user-specific and overall actions on the database

- **Summer Intern at bizAmica Software Pvt. Ltd** [May 2019 – July 2019]

Lead Capturing Recruitment Voice Bot

A dynamic, cross-platform integrable, multilingual and AI-powered voice-bot. This smart bot verbally interacted with people who were looking for a job in the organization, took down details, filtered the relevant details using NLP and gave insights to recruiters about applicants.

Project Work

IMPLEMENTATION OF ADVANCED FILE FUNCTIONS IN C

[Sep 2018 - Nov 2018]

fopen(), fclose(), fread(), fwrite(), fseek(), etc. implemented using the predefined functions

HANDWRITING RECOGNITION USING IMAGE PROCESSING

[Feb 2019 - Apr 2019]

Conversion of handwritten and scanned documents into text using **PyTesseract OCR Library (Google's pre-trained model in Python)** which was used for parsing sensitive documents.

An interactive user interface was also implemented for uploading scanned documents and downloading the converted text documents.

HTTP SERVER IMPLEMENTATION USING SOCKET PROGRAMMING

[July 2019 - Oct 2019]

Built an HTTP server in Python from scratch which involved handling of GET, POST, DELETE, PUT, HEAD, OPTIONS request methods sent by the browsers and gave suitable response back to them. A connection can be established between client and server over a network. It is a multi-threaded software involving complex OOP constructs.

STOCK EXCHANGE MATCHING ENGINE

[Feb 2020 – April 2020]

The engine used to match buy and sell orders placed by any authenticated client. FIX protocol was used for communication between client and server. Quickfix was used to decrypt the message from the client and then orders are matched with already existing orders on the heap by the matching engine.

Position of Responsibility & Past Achievements

- **Technical Secretary** at The Delta Club, COEP
- Finalist of Tata Crucible Hackathon
- **National Level Hackathon** Organizing Team Member
- Event Head at **FOSS Workshop** in Mindspark, COEP
- High School **Student Council** Member