

# SHANU GANDHI

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## EDUCATION

### IIIT HYDERABAD

#### MTECH IN COMPUTER SCIENCE & ENGINEERING

July 2019- Present

CGPA: 8.5

### SGSITS INDORE

#### BE IN COMPUTER SCIENCE & ENGINEERING

July 2013- June 2017

CGPA: 6.86

### STS SCHOOL BURHANPUR

#### SSC (XII) AND HSC(X)

July 2001- March 2013

XII (CBSE) : 89.60

X (MPBSE) : 81.83

## COURSEWORK

- Advanced Problem Solving
- Data Structures
- Analysis and Design of Algorithms
- Operating System
- Database Management Systems

## TECHNICAL SKILLS

### LANGUAGES

- C
- C++
- Python
- SQL.

### SOFTWARE AND TOOLS

- Fiddler
- Postman
- Eclipse
- Chrome Dev Tools
- Expo for React Native
- Putty
- Git
- MySQL
- Latex

### DOMAIN SKILL

- Telecom and Online Shopping
- Web Development

## PROJECTS

### VISA EXPERIENCE | VISA

An Android App was built using Visa's Api's and React Expo for Frontend and Django for Backend. The app gives user a one-stop solution to avail a variety of services such as restaurant booking, movie tickets, golf courses and much more.

### MYGIT : SPACE EFFICIENT VERSION CONTROL SYSTEM | MTECH

Developed a space efficient tool for version control of a project. Working was like Git and commands like init, status, add, commit, diff, push, pull, rollback and retrieve were implemented. Developed in Python.

### WIKIPEDIA SEARCH ENGINE | MTECH

A complete search engine experience built on top of 40 GB Wikipedia corpus with search time under 5 seconds. Results contain wiki pages ordered by relevance based on given search word/s. From an optimized code to the K-way merge algorithm, this project addresses latency, indexing, and big data challenges.

### TORRENT : PEER-TO-PEER FILE SHARING SYSTEM | MTECH

Developed a group based file sharing system where users can share and download files from the group they belong. Downloading was done parallelly from multiple peers in multiple pieces and SHA was used to ensure Integrity. Developed in C++.

### POSIX COMPATIBLE SHELL | MTECH

Developed a working POSIX compatible interactive shell with a subset of feature of default shell which can execute standard Linux commands and some user-defined commands by creating and managing new processes. Provided support for Redirection, Piping, History and other functionalities. Developed in C++.

## CORPORATE EXPERIENCE AND PROJECTS

### VISA | SDE INTERN

May 2020-July 2020 | Bangalore | [Link](#)

- Hired as an Intern and worked on an Android App to provide a full-fledged shopping experience to Visa's customers. Front End part built using react native and backend in Django Python. Integrated with Visa's Api.
- Also Submitted a white paper on Increasing Cashless Transaction in Rural Places (Internet less banking facility through sms token generation and USSD)

### AMDOCS | SOFTWARE DEVELOPER

March 2018-June 2019 | Pune | [Link](#)

- Worked in project to Digitise one of the largest Telecommunications company in Australia.
- Proficient in Front End development (React/React-native Javascript) . Basic knowledge of Java, Rest and Databases. Making Changes in Applications UI as required by Client and Defect Solving.
- Developed a Major Change Request- BILL ANALYSER Front End and Integrated it with Back End (Rest Services).

## ACHIEVEMENTS

2020	<a href="#">Won Hackathon for "Best Use of Visa Api"</a>	Visa Summer Intern
2020	<a href="#">6 Stars in Problem Solving Section</a>	HackerRank
2019	<a href="#">98.5 Percentile</a>	GATE(Along With Full Time Job)