SHAILESH MOHTA

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BTECH, COMPUTER SCIENCE ENGINEERING,

NIIT UNIVERSITY, NEEMRANA.

Objective: -   Looking for an opportunity which gives me a platform to implement my theoretical, technical & analytical skills in a dynamic fast-paced environment and helping achieve personal as well as organizational goals; at the same point in time having a steep learning curve which enhances my skill set.

STRENGTHS

- ✓ Problem solving skills
- ✓ Written and verbal communication skills
- ✓ Self-motivated and pro-active
- ✓ Ability to work in dynamic and pressure situations
- ✓ Punctual and work within steep deadlines
- ✓ Able to take on responsibility
- ✓ Interpersonal skills and working in teams
- ✓ Inquisitive and quick learner

ACADEMICS QUALIFICATION

	CGPA
Bachelor of Technology in Computer Science **NIIT University** BATCH - 2015 – 2019	**8.77** / 10.0 (till 5th Semester)
	%
Intermediate Education (ISC) **Don Bosco School , Liluah.** 2014	**91.25** / 100
	%
Secondary Education(ICSE) **Don Bosco School , Liluah.** 2012	**91.6** / 100

CORE COMPETENCE

- ✓ ALGORITHMS AND DATA STRUCTURE
- ✓ OPERATING SYSTEM
- ✓ OBJECT ORIENTED PROGRAMMING
- ✓ DATABASE MANAGEMENT SYSTEM
- ✓ DISCRETE MATHEMATICS
- ✓ THEORY OF COMPUTATION
- ✓ CLOUD COMPUTING

Experience and Leadership Skills

- HPDF (Hasura Product Development Fellowship)

  I am working in a cluster of 5 members, assigned to develop a working prototype of a payment transaction authentication system using Stripe's API. My individual role is to develop the front-end of the prototype using react native framework.

- Being an official Firefox Student Ambassador and an active member of MozPhoenix Community, the Mozilla Chapter of our university, I had represented the Mozilla Chapter of our university in a Mozilla conference held at BITS Pilani, Rajasthan to discuss the future and growth of Mozilla Community.

- I have led my team "CodingGiants" in 3 inter-school coding competitions where we emerged as winners on two occasions.

- Have served as a Vice President of SpaceByte Club (favourites for the tech geeks) of our school for a year.

TECHNICAL SKILLS

Languages -
- C
- C++
- Java, Python
- Android, PHP
- HTML5, CSS, Javascript

Database – MySQL Workbench, MongoDb, Firebase

Operating system- Windows, Linux

CERTIFICATIONS

✓ Programming for Everybody (Getting Started with Python)   (University Of Michigan, Coursera)
✓ Python Data Structures   (University Of Michigan, Coursera)
✓ Using Python to Access Web Data   (University Of Michigan, Coursera)
✓ Using Databases with Python   (University Of Michigan, Coursera)
✓ Introduction to Cloud Computing   (Mike Chambers, Udemy)
✓ Git Started with GitHub   (Jason Taylor, Udemy)
✓ Introduction to Modern Application Development   (Hasura, NPTEL)
✓ Introduction to Machine Learning   (Andrew Ng, Coursera)
✓ Soft Skills   (IIT Roorkee, NPTEL)

In Progress : Machine Learning A-Z : Hands-On Python and R In Data Science   (Kirill Eremenko and Hadelin de Ponteves , Udemy)

PROJECTS

MIETEN

- A working prototype of an android application for the placement cell of our University.
- The app will be used by students of the university as well as the administrators of the Placement Cell.
- Admin will update the details of the companies to come for the recruitment and will be able to notify the selected students if any documents are missing in their application.
- Students will be able to get frequent updates and notifications, view the requirements and information about the companies, ask questions to the placement cells via app and also view study materials uploaded by the placement cell.

HOME AUTOMATION SYSTEM (using Hand Gestures)

- This project involves a DESKTOP APPLICATION for hand gesture recognition of a limited set of hand gestures in a reasonable environment, for operating low voltage appliances used as a replacement for the actual home appliances.
- The approach contains steps for recognizing the hand region, contour extraction, locating the edges and counting the number of edges to recognize the gesture and finally implementing the corresponding action on the hardware.
- Hardware consists of a microcontroller which reads the data given by the hand gesture detection software through a communication module and the microcontroller takes the necessary action on the appliances.

DATABASE MANAGEMENT SYSTEM FOR APCO (Andhra Pradesh State Handloom Weavers Cooperative Society)

- This project involved designing a database management system intended to be used by the APCO.
- First we defined the problem statement, then converted it into ER model. ER model was then converted into relational model, various functional dependencies were defined and normalization was done to remove the redundancy.
- The designed model of DBMS could manage not only the data of products and orders, but also of the customers, employees, weavers, vendors, and different production societies involved by storing and retrieval of the data online, thus offering better efficiency and helping them improving their business.

AUTOMATED TELLER MACHINE(ATM) APPLICATION

- This is a completely JAVA-BASED APPLICATION depicting a miniature version of a working ATM.
- Final product serves purposes like adding/removing users; assigning of secured ID, password for each user; depositing and withdrawal of amount from their Savings, Current Account; transfer of amount from one account to another; generation of transactions (analogous to passbook) and few more.

OTHERS

- Throughout my academic life, I have always been in the top 5 % of the batch.
- Served as the head coordinator of Table Tennis Club of our university.
- Represented our university at 3 inter-college Table Tennis tournaments and won in one occasion.
- Represented my school in 2 inter-school chess tournaments and stood runner's up in both occasions.
- Hobbies – Reading newspaper, tech-related articles ; solving rubick's cube.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and my belief.

PLACE   SIGNATURE

NIIT University, Neemrana.   Shailesh Mohta