



Full Name NILARNAB DEBNATH

Branch Computer Science and Engineering

Malaviya National Institute of Technology Jaipur (MNIT)

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2019ucp1429

B.Tech

Male

DOB 21st march 2000

Phone No 8529734928

Examination	University/Board	Institute	Passing Year	CGPA / %
Graduation	NIT Jaipur (MNIT)	NIT Jaipur (MNIT)	2023	9.14
12 std	CBSE	Sacred Heart Children Senior Secondary School, Kota, RJ	2019	91.8 %
Matriculation	CBSE	Sri Krishna Mission School, Agartala	2017	10

INTERNSHIP

Software Developer Summer Intern, Salesforce

June'22 - Aug'22

- Worked on handling dropped telemetries by adding dead letter support on a spring boot application.
- Used AWS SQS services to come up with a pipeline that facilitates retry in case of valid telemetries.
- Worked on thread pools in spring boot to achieve concurrent execution.
- Increased visibility of dropped telemetries for both the team and the client-side and retry of valid telemetries possible.

Software Developer Summer Intern, PillarPlus Pvt Ltd

May'21 - Jul'21

- Worked on architectural design automation using python libraries, and mathematical formulas.
- Used **ezdxf** library for block identification and drawing automation in plan and elevation.
- Used math, NumPy and **ezdxf** libraries to find the best mathematical logic for drawing architectural drawings.
- Made the work for architectural engineers in the drawing part fast and block detection and identification fully automated.

KEY PROJECTS

Hostel Management Website with Laravel PHP

- Used PHP and MySQL for backend, database management, and HTML, CSS, javascript, and bootstrap for frontend.
- Implemented Laravel Auth module to make authentication module development fully automated.
- Used ajax to create asynchronous calls to save reloading time.
- Made hostel room, mess menu, food supply management easy and automated.

Python Command Line Application for Finding Open Slots in Vaccination Drive

- Used python to fetch raw data of vaccination centers from **setu API**, later to be converted to JSON with the **.json()** method.
- The data is checked once every 5 seconds and beeps are produced for 3 seconds by winsound if a match is found.
- Made slot booking easier as multiple times manual checking is rendered completely redundant with this application.
- Git link: [vaccine_18plus_slot_detector](#).

TECHNICAL SKILLS

- Languages::** python, PHP, HTML, CSS, JavaScript, C, C++, Java, SQL.
- Tools:** PyCharm, Android Studio, PhpMyAdmin, Visual Studio, DevC++, Brackets, Firebase, Git.
- Libraries:** ezdxf, Python Imaging Library, PyAutogui, pandas, NumPy, webbrowser, keyboard, OpenCV, scikit-learn, pytesseract.
- Database & Analysis tools:** MySQL.
- Platforms:** Linux, MS Windows 98, XP, Windows 7.
- MS Office:** MS Word, MS PowerPoint, MS Excel.

SCHOLASTIC ACHIEVEMENT

Secured Second Position in the Web Design Competition Organized by College ICT Center

- Used HTML, CSS, JavaScript, Bootstrap to make basic, multiple screen compatible, animated and robust design.
- Implemented **neumorphism** for creating an embedded GUI effect and **glass morphism** to create a frosted glass effect.
- Used **php-ml** to implement supervised classification using KNN.

POSITION OF RESPONSIBILITY

- H.O.P.E: Hope of People Everywhere (NGO): As a **leader** of the Fundraising vertical of NGO
- Worked as Fundraiser in the NGO to raise funds for the underprivileged children around Jaipur.

EXTRA CURRICULAR-ACTIVITIES

- Got first position in canvas painting in college cultural fest.
- Ankan-Bivakar in Painting and Ankan-Sree in Art and Crafts.

INTERESTS/HOBBIES

- Paintings, Sketching portraits, sceneries.