

Sahil Patel

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EDUCATION

IIT JODHPUR

BTECH IN COMPUTER SCIENCE & ENGINEERING

Expected 2022 | Jodhpur, India
Cum. GPA: 7.45 / 10 (6th sem)

PCVN KANPUR

CLASS 12

2018 | Kanpur, India
Percentage: 91.2%

PCVN KANPUR

CLASS 10

2016 | Kanpur, India
CGPA: 9.6 / 10

LINKS

Github:// [ssahillppatell](#)
LinkedIn:// [ssahillppatell](#)

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms
Object Oriented Analysis & Design
Software Engineering
Algorithm Design & Analysis
Artificial Intelligence
Database Systems
Computer Networks
Operating System
Compiler Design

SKILLS

PROGRAMMING

Familiar:

- C/C++ • Python
- Javascript / TypeScript
- Solidity

WEB

Technologies:

- NodeJs/ExpressJs
- MongoDB • Vue JS

Web Design:

- HTML/SCSS • Tailwind

UTILITIES

- Git • Linux • Docker

OTHER

- Photoshop • Illustrator
- Adobe XD • Figma
- Premiere Pro

EXPERIENCE

STARTOON LABS | SOFTWARE DEVELOPER INTERN

June 2020

- Designed and prototyped new functionalities of the website using Adobe XD
- Used PHP, JQuery and Bootstrap to develop the new features

PROJECTS

MENUHUB

Feb 2021 - Present

- Designed UI of the whole application (Web + App) using Figma
- Using Vue3 + TS, developed the frontend of the application
- Managed the flutter app development team

BLOCKCHAIN BASED SECURE IOT ENVIRONMENT | BTP

Jan 2021 - Apr 2021 | Supervisor: Dr. Debasis Das, IIT Jodhpur

- Implemented various research papers aiming to have designed a secure and scalable blockchain based authentication & communication system for IoT devices
- Worked with solidity, Ethereum Virtual Machine & Hyperledger fabric

GRAPHIC TABLET CONFIGURATION | COURSE PROJECT

Mar 2021 - Apr 2021 | Supervisor: Dr. Suchetna Chakraborty, IIT Jodhpur

- A gui based application that lets linux users to configure their graphic tablets buttons

CROSS PLATFORM JAMBOARD | COURSE PROJECT

Feb 2021 - Mar 2021 | Supervisor: Dr. Ravi Bhandari, IIT Jodhpur

- Modal based jamboard chrome extension to allow mutiple users to draw on the board without leaving the chrome google meet tab
- Electron apps for people who don't use chrome browser

FILE SHARING OVER LAN | COURSE PROJECT

Sept 2020 - Oct 2020 | Supervisor: Dr. Ravi Bhandari, IIT Jodhpur

- Web interface for all the devices on LAN to join a file sharing group
- Devices could share files of any sizes

ARROW CLASSIFICATION USING DEEP LEARNING | BTP

Feb 2020 - Aug 2020 | Supervisor: Dr. Sumit Kalra, IIT Jodhpur

- Created a clean dataset for the model to train upon
- Deep learning model to detect arrows in an image and extract their properties

ENGINEERING TIMES

Aug 2020 - Nov 2020

- Designed UI of the whole application on Adobe XD
- Developed the frontend of the website while working closely with the backend team

EXTRA CURRICULAR

- Assistant Head, Pulicity & Media, IGNUS
- Co-Founder, Mathrithms