

# Sahil Patel

SOFTWARE ENGINEER · UI/UX DESIGNER · B.TECH (COMPUTER SCIENCE)

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## Work Experience

### Billion Apps

Work from Home

FRONTEND DEVELOPMENT CONSULTANT

July 2021 - Sep 2021

- Reviewed code of the developers working on the project & suggested changes when required
- Regulated the product delivery cycle

### Startoon Labs

Work from Home

SOFTWARE DEVELOPER INTERN

June 2020

- Designed / Redesigned several pages in the existing website on Adobe XD
- Developed new features in the website using PHP, CSS & Bootstrap
- Continuously deployed the features to production on cPanel

## Education

### Indian Institute of Technology, Jodhpur

Jodhpur, Rajasthan

B.TECH

July 2018 - Exp. May 2022

- Branch: Computer Science & Engineering
- CGPA: 7.69 (7th sem)

### Puranchandra Vidyaniketan

Kanpur, Uttar Pradesh

CLASS 12

2018

- Board: CBSE
- Percentage: 91.2%

### Puranchandra Vidyaniketan

Kanpur, Uttar Pradesh

CLASS 10

2016

- Board: CBSE
- CGPA: 9.6

## Projects

### NPP Salesforce Backup

Job Project

SOFTWARE DEVELOPER

Nov 2021 - Jan 2022

- Worked on the frontend part of the web application
- Involved development of multiple parts of the website including authentication
- Worked closely with the QA team to resolve the designing issues
- Used VueJS, PostCSS, Tailwind, Typescript, Vite, Prettier & Eslint

### Menuhub

Personal Project

PRODUCT MANAGER, SOFTWARE ENGINEER

Feb 2021 - Present

- Worked with the team for requirement finalisation
- Designed the complete desktop & mobile user interfaces on Figma
- Designed the system architecture with the team
- Developed the frontend part of the project using VueJS, PostCSS, Tailwind, Typescript, Vite & Jest

### Subira

Job Project

SOFTWARE DEVELOPER, TEAM LEAD FRONTEND

July 2021 - Dec 2021

- Worked with a team of 5 developers to develop a online document signing application using reactjs, redux, tailwindcss & sass
- Lead and managed the front-end development team as well as the designing team

### Software Architecture to Support Enterprise Application

B.Tech Project

DEVELOPER

Aug 2021 - Dec 2021

- Studied and worked with various software architectures and system designs (High Level and Low Level) for a few problems
- Developed and deployed these system designs on scale for commercial purposes to solve problems like scale, reliability etc

## Blockchain based secure IoT Environment

DEVELOPER

*B.Tech Project*

*Jan 2021 - Apr 2021*

- Worked on different approaches in which the end goal of a secure IoT environment using blockchain can be created
- Worked with technologies such as Ethereum Virtual Machine, Solidity, Smart Contracts & Hyperledger Fabric

## Graphic Tablet Configuration for Linux

DEVELOPER

*Course Project*

*Mar 2021 - Apr 2021*

- Created minimal UI design on Figma
- Created a deb & rpm package for configuring the graphic tablet buttons in Linux based OSes
- Used Python, Tkinter & lots of bash scripting

## Cross-platform Jamboard

DEVELOPER

*Course Project*

*Feb 2021 - Mar 2021*

- Created a browser extension, website & electron apps for people in a google meet to have a common place to scribble out their ideas and thoughts
- Published the browser extension on Chrome Web Store (800 concurrent users in 30 days)
- Developed using VueJS, ElectronJS, SCSS & SocketIO, deployed on Google Cloud Platform (GCP)

## Pong with AI

DEVELOPER

*Course Project*

*Sep 2020 - Oct 2020*

- Developed the classic pong game on web using Typescript, SCSS & Canvas manipulation
- Implemented the AI in the opponent player from scratch

## Arrow Classification using Deep Learning

DEVELOPER

*B.Tech Project*

*Feb 2020 - Aug 2020*

- Developed a clean dataset of 5000 Images (using free to use google images) along with a CSV file for each image that consisted data related to each image
- Experimented with various Deep Learning models by variation loss functions, activation functions & other parameters
- Used Keras, Tensorflow, NumPy & Pandas for this project

## Engineering Times

SOFTWARE ENGINEER

*Personal Project*

*Aug 2020 - Nov 2020*

- Designed the whole user interface of the application (including desktop design & mobile design) on Adobe XD
- Helped in designing the System Architecture
- Developed the frontend part of the application using VueJS & SCSS

## Skills

<b>Programming</b>	C/C++, Python, Javascript/Typescript, Golang
<b>Web Technologies</b>	HTML, CSS/SCSS, VueJS, ReactJS, NodeJS/ExpressJS, Jest, Django, Tailwind, Bootstrap, PostCSS, Nginx, Apache
<b>DevOps</b>	Docker, Github Actions, Bash scripting
<b>Databases</b>	MySQL, PostgreSQL, MongoDB
<b>Designing</b>	Photoshop, Premeire Pro, DaVinci Resolve, Adode XD, Figma, Canva
<b>Tools</b>	Jira, Git, Algolia, Trello
<b>Languages</b>	English, Hindi

## Certifications

- |      |  |                      |
|------|--|----------------------|
| 2020 | <b>Google Analytics for Beginners</b> , Google Analytics Academy | <i>Online Course</i> |
| 2018 | <b>Basics of UI designing on Adobe XD</b> , Udemy                | <i>Online Course</i> |

## Extracurricular Activity

### Publicity & Media

ASSISTANT HEAD

*IGNUS, IIT Jodhpur*

*Jan 2020 - Feb 2020*