

# Shashank L. Patil

[shashankpatil125@gmail.com](mailto:shashankpatil125@gmail.com) | +91 8956569641 | [Github](#) | [Linkedin](#)

## Education:-

### Vishwakarma institute of technology (VIT)

Bachelor of technology in computer Engineering, last year student. **CGPA : 8.6**

Pune-India

2021-2024

### DR. BATU, Institute of petrochemical engineering(IOPE)

Diploma in computer engineering **CGPA: 9.67**

Lonere,Raigad

2018-2021

## Skills:-

**Programming Language / Framework:** Typescript, Javascript, Java, Python, Golang(Basic), HTML, CSS, SQL, React js, Next js, Redux, Node js, Express js, Tailwind CSS, c++, Maven, Ruby, Ruby on Rails(Basic).

**Theories:** OOP, SDLC, Data structures, Operating System, Blockchain, Cloud Computing, Networking, DBMS, IoT.

**Frameworks, Platform & Tools:** Github, Gitpod, Docker, Figma, Lucidchart, Raspberry pi, Firebase, Supabase, postman.

**Database:** MongoDB, MySQL, aws(S3 bucket & ec2 instance).

**Interest:** Project based learning, Blockchain & cybersecurity, Chess, psychological fact, Devops, Fitness, Startups.

## Experience:-

### AmericanCryptoAcademy | Internship :-

2023(remote)

1. Worked as a **Frontend** and **DevOps** engineer. I **deployed** the entire backend on **AWS** on another elastic cloud to integrate a **blockchain** into the platform, as per the requirement by Companis CTO.
2. For the deployment, utilized **Amazon Elastic cloud** and an **S3 bucket** to store images on cloud. worked on **Fodera Linux** for backend deployment and **documented the deployment process**. Additionally, I contributed to the frontend by using **Typescript** and **Next.js** for integration.
3. Collaborated with senior developers from various countries and took part in hackathons. Learnet **Prompt Engineering**.

### Elecbits | (FullStack) Internship :-

2023(remote)

1. Developed a platform to maintain manufacturing lifecycle by using **Typescript**, **React.js**, **DaisyUI** and **Tailwind CSS**
2. Utilized **MongoDB Atlas** to manage databases, implementing **projection queries** and **query limits** for **efficient data handling** and retrieval throughout product development and manufacturing.
3. **Created and Tested REST APIs** with **Postman** for seamless integration between frontend and backend, validating functionality and improving system performance.

### Lazarus networks | Internship :-

2022(remote)

1. Acquired expertise in **ReactJS** while utilizing **SupaBase** to manage databases.
2. Developed an interface and database for a gaming platform using **TailwindCSS**, **NodeJS**, **SupaBase**, and **ReactJS**.
3. **Gained** insights into **blockchain** technology and **industry standards** while collaborating with **mentors** and working on a **substantial** codebase.

## Projects:-

### Preceptor's to detection objects using COCO :-

2023(VIT PUNE)

1. Implemented object detection by using **raspberry pi** with loaded **TensorFlow lite (COCO)**.
2. Integrated ultrasonic sensor to take input, and for capturing the object I used a **Pi Camera**. **Wrote a code for reading GPIO pins** and camera sensor into **Python**.

### Middleware for ad blocking:-

2022(VIT PUNE)

1. Designed the middleware for blocking ads using **Raspberry PI** as **DNS Server**.
2. To block ads, a middleware's **static IP** address needs to be set, to set up a **PiHole** to identify the ad's ip address.
3. Provided parental control to limit websites clients can visit.

### Helping Hands:- CodeBase

2020(DR. BATU IOPE, LONERE)

1. Worked on a **React App** with a **REST API** for assisting underprivileged individuals. The app enables two user roles: poster and helper.
2. The poster captures an image of the recipient's locality, incorporates the location and necessary supplies, and submits it via the app, **Postman was utilized to test** the implemented **APIs**.

## Additional Experience or or Awards/Honors or Hard work:-

### ETH Global FVM Space Warp Hackathon 2023:- FlexBuild | [App Link](#) | [Youtube](#) | Won The Sponsorship by Spheron

1. Developed a **Decentralize** application to make websites.
2. Worked on frontend in **NextJS** to make a website with an added **drag** and **drop** feature and vs code code highlighting using **Mustache** library to make custom components.
3. Deployed backend scripts on an **EC2** instance in the **AWS** platform to ensure that users' websites stay active.

Won a Pool Prize at polygon zkEVM hackathon | Four star in problem solving at hackerrank | Three star in SQL at hackerrank | 170+ point on gfg in problem solving | Experience of 12+ major and minor projects |

Publications: "Middleware Device for Advertisement Blocking", IEEE Journal [DOI:10.1109/INCOFT55651.2022.10094371]