

# Sahil Khadayate

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## EDUCATION

**Pandit Deendayal Energy University(PDEU)**

2020-2024

Computer Science and Engineering

**CGPA : 9.75**

**Bansal Public School**

2019-2020

CBSE

**Percentage: 89.9**

## EXPERIENCE:

**Einfochips, An Arrow Company**

May 23 - July 23

- Collaborated in a team of four to generate comprehensive technology documentation
- Crafted highly interactive frontend templates for an e-commerce-like web application, resulting in an increase in user engagement and a 10% decrease in bounce rate.

**BugsMirror Research Pvt. Ltd.**

Jan 24 - Ongoing

- Worked on automating several tasks on Google Cloud Platform that involved **Compute Engine** Instance, **Cloud Functions**, and **Google App Engine**.
- Attained a significant reduction in operation latency, surpassing 15%, through rigorous optimization efforts.
- Deployed parallel processing techniques to enhance build timings on the cloud, resulting in an impressive improvement of over 10%.
- Spearheaded the development of highly efficient Golang API functions, resulting in a 30% improvement in overall system performance and response time, enhancing user satisfaction and platform efficiency.

## SKILLS

- **Programming Languages:** JavaScript, Typescript, C++ , Solidity, Golang
- **Web Development:** HTML & CSS, React.js, Node.js , Express, Next.js, TailwindCSS
- **Databases:** MongoDB, MySQL , Firebase
- **Tools :** Git, Hardhat, Docker, Kubernetes, AWS (Amazon Web Services), GCP(Google Cloud Platform)
- **Algorithms & Data Structures-**Solved over 250 questions on various platforms like Leetcode,GFG,CodeChef,and CodeForces.

## PROJECTS

- **Rick and Morty Wiki** | [Github](#) | [Demo](#)
  - Developed an engaging web app utilizing **React**, seamlessly interfacing with the **Rick and Morty API**, resulting in a 20% increase in user engagement metrics. Delivered comprehensive insights and details about the beloved TV series, enhancing the viewer experience and driving a 15% boost in user retention rates.
- **Full stack Kanban Application** | [Github \(API\)](#) | [Github \(Frontend\)](#)
  - Engineered and implemented an intuitive user interface using React for efficient task organization and tracking within the personal Kanban application, leveraging **Express**, **MongoDB**, and **Postman** for seamless functionality.
- **Idea-Fusion -AI powered notes generation** | [Github](#) | [Demo](#)
  - Developed an AI-enhanced note generation platform, utilizing **Next.js 13**, **PostgreSQL**, **OAuth** authentication, **Shadcn**, and **OpenAI API**. The application streamlines note-taking with AI assistance, ensuring an efficient and organized experience for users, resulting in a 30% reduction in time spent on note creation.
- **Full-Stack E-Commerce Web Application** | [Github](#)
  - Designed and integrated an interactive E-commerce web application from scratch, leveraging **Next.js** for the frontend and **MongoDB** for data storage. Achieved seamless **CRUD** operations, resulting in a 25% improvement in **data processing** efficiency and enhancing my skills in web development and project execution.
- **Blockchain-based NFT Minting Web Application with Integrated Whitelist Feature** | [Github](#)
  - Created and launched a pioneering decentralized web application, leveraging **Ethereum** blockchain technology, to facilitate secure NFT minting using **Smart Contracts** written in **Solidity**. Integrated whitelist feature during development to protect digital assets, fortifying the platform's security infrastructure for future deployment.

## LICENSES & CERTIFICATIONS

**Google Cloud Essentials-** Google

October 21

**Virtual Software Engineering Experience Program-**J.P Morgan and Chase

July 22

**Junior Badge for Ethereum Development-** LearnWeb3

December 22

**Data Analytics with Python-**NPTEL

May 23

**Senior Badge for Ethereum Development-** LearnWeb3

June 23

**Ethereum Developer Degree-** LearnWeb3

July 23

## RESPONSIBILITIES HELD:

- **Science and Technical Committee PDEU - Documentation Head**  
Led a 10-member team in documenting the college fest and annual activities of the committee throughout the year.