

# Sahil Khadayate

[Github](#) | [LinkedIn](#) | [Portfolio](#) | [sahilkhadayatework@gmail.com](mailto:sahilkhadayatework@gmail.com) | +91 7720015432

## WORK EXPERIENCE

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### BugsMirror Research Pvt. Ltd.

Jan 2024 - Present

*Technical Intern*

- Automated multiple tasks on Google Cloud Platform, including Compute Engine Instance, Cloud Functions, and Google App Engine, reducing manual workload by 20%.
- Optimized processes, decreasing operation latency by over 15%.
- Implemented parallel processing techniques, enhancing build times by 10%.
- Engineered efficient Golang API functions, improving overall system performance and response time by 30%.

### Einfochips, An Arrow Company

May 2023 - July 2023

*Technical Intern*

- Produced comprehensive technology documentation in collaboration with a team of four, enhancing product usability by 25%.
- Designed interactive frontend templates for an e-commerce-like web application, reducing bounce rate by 10%.

## PROJECTS

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### Rick and Morty Wiki

[Github](#) | [Demo](#)

*Technologies used:* React.js, Bootstrap, SCSS, Axios, Postman

- Developed an engaging web app utilizing React, integrating with the Rick and Morty API.
- Streamlined API calls and enhanced data fetching efficiency, reducing load times by 20%.
- Bolstered the overall performance and reliability of the web application.

### Full stack Kanban Application

[API](#) | [Frontend](#)

*Technologies used:* React.js, Express, MongoDB, Postman

- Designed and implemented an intuitive user interface using React for efficient task organization and tracking within a personal Kanban application.
- Enabled users to create, update, and manage tasks in a visually organized manner, boosting productivity by 25%.
- Reduced task management time by 25% compared to traditional methods.

### URL Shortening Tool

[Github](#)

*Technologies used:* Golang, Redis, Docker, GCP

- Created an efficient URL shortening tool that shortens URLs and tracks usage statistics.
- Deployed the application on Google Cloud Platform (GCP) for scalability and reliability.
- Leveraged Redis for fast data storage and retrieval and Docker for consistent deployment, increasing URL processing speed by 35% and achieving 99.9% uptime.

## EDUCATION

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2020 - 2024 Bachelor of Technology in Computer Science and Engineering at **Pandit Deendayal Energy University (PDEU)** (CGPA: 9.75/10)

2019 - 2020 Senior Secondary Education at **Bansal Public School** (Percentage: 89.9%)

## SKILLS

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Programming Languages JavaScript, Java, C++, Solidity, Golang  
Web Development HTML & CSS, React.js, Node.js, Express, Next.js, TailwindCSS  
Databases MongoDB, MySQL, PostgreSQL, Firebase  
Tools Git, Hardhat, Docker, Kubernetes, AWS, GCP, Android Studio, Visual Studio Code