

# TARUN SILAM

## Fullstack Developer

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## SUMMARY

I am an aspiring software engineer and web developer with expertise in full-stack development, DSA, and IoT systems. I have a strong background in building user-focused applications, leading teams, and solving complex challenges. I am passionate about delivering impactful software solutions and driving innovation in the tech space.

## EXPERIENCE

### Member

#### Stanford University d.school

10/2023 Present India

University Innovation Fellows (UIF)

- Represented Aditya College at the UIF Summit in the Netherlands, focusing on innovation and entrepreneurship.
- Led campus initiatives promoting innovation and sustainability.

### Team Leader, Full-Stack Developer

#### Team Blue Pulse

08/2024 11/2024 India

IoT Project

- Developed a MERN stack-based IoT water monitoring system with real-time data visualization using Chart.js.
- Integrated Firebase authentication and implemented a dashboard for trend analysis and anomaly detection.
- Led a team, ensuring project milestones were met and the system was delivered successfully.

### Intern

#### SkillCraft Technology

10/2024 11/2024 India

Web Development Intern

- Created responsive web pages using HTML, CSS, and JavaScript.
- Conducted API testing with Postman and designed user-friendly interfaces.

### Full-Stack Developer - [website](#)

#### Independent Project

08/2024 08/2024 India

Blog Website Project

- Built a blog site using the Next JS with JWT authentication and email verification
- Enabled users to post blogs, interact with other blogs, like and comment on blogs and follow other users.

## EDUCATION

### Bachelor's in Internet of Things

#### Aditya College of Engineering

08/2022 Present India

### Intermediate (MPC)

#### Pragati Vidyalaya Junior College

05/2020 05/2022 India

### SSC

#### Pratibha Vidya Niketan

2019 India

## STRENGTHS



### Soft Skills

Problem solving, critical thinking, team management, leadership, and communication skills.



### Technical skills

- Proficient in full-stack development MERN stack, REST APIs, Next Js).
- Strong foundation in data structures, algorithms, and problem-solving.

## KEY ACHIEVEMENTS



### University Innovation Fellows Member

Represented an educational institution at a prestigious international summit in the Netherlands, focusing on critical innovation and sustainability initiatives.

## LANGUAGES

### Telugu

Native



### English

Proficient



### Hindi

Proficient



## SKILLS

### Programming Languages

Javascript, Python, C, C ++

### Frontend Development

React.js, HTML5, CSS, EJS, Tailwind, Bootstrap

### Backend Development

Node.js, Express.js, REST APIs, Next Js (Full Stack)

### Database Management

MySQL, MongoDB, Cloud Firestore, Firebase

### Tools & Platforms

Postman API, Adobe Express, Git, GitHub

### Concepts & Other Skills

Algorithms, Data Structures, Object-Oriented Programming  
Prompt Engineering, AI Elements

## CERTIFICATIONS

### Google

Google AI for Everyone

### IBM

Python

SQL

Prompt Engineering

HTML, CSS, JavaScript

Cloud Computing

Artificial Intelligence Fundamentals

### PostMan

Postman Student Fundamentals