

# Shashank A N

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## CAREER OBJECTIVE

To secure a challenging role as a Python Full-Stack Developer where I can leverage my skills in Python, SQL, JavaScript, HTML, and CSS to build and maintain robust web applications. Eager to contribute to a collaborative team, solve complex problems, and continue growing as a dedicated developer.

## WORK EXPERIENCE

<b>Full Stack Python Developer • Internship</b> Pentagon Space, Bangalore	Feb 2025 - Present
<b>Web Development Overview • Internship</b> Internpe, Bengaluru	Jan 2024 - Mar 2024
<b>Enterprise Programming On Embedded C And Python • Internship</b> Loginware, Hassan	Sep 2022 - Oct 2022

## EDUCATION

<b>Bachelor of Engineering (B.E), Electronics and Communication</b> Adichunchanagiri Institute of Technology, Chikmagalur Percentage: 87.00%	2021 - 2025
<b>Senior Secondary (XII), Dpue</b> Science Government Independent Pu College Channarayapatna Percentage: 83.60%	2021
<b>Secondary (X), Karantaka State Board</b> Narendra High School Percentage: 86.00%	2019

## TRAININGS / CERTIFICATIONS

### CMOS Digital VLSI Design

Jan 2024 - Mar 2024

NPTEL, Virtual

## PORTFOLIO

[HackerRank link ↗](#)

[GitHub link ↗](#)

[Leetcode link ↗](#)

## PROJECTS

### [3D Home Design Studio ↗](#)

Aug 2025 - Sep 2025

A web-based 3D tool to create, visualize, and modify home layouts directly in the browser.

### [YouTube Multi-Alarm Scheduler ↗](#)

Jul 2025 - Aug 2025

A dynamic web app to schedule multiple YouTube videos or playlists to play automatically at specific times.

### [Namma BMTC AI Mitra ↗](#)

May 2025 - Jul 2025

An AI-powered, offline-first web app for navigating Bengaluru's BMTC bus network with smart route suggestions.

### [Face Recognition Attendance System using OpenCV and Python ↗](#)

Feb 2023 - Mar 2023

Automated attendance management using a face recognition system, eliminating manual processes. Improved accuracy in attendance tracking by over 90%, reducing human errors and time consumption. The system reduced administrative effort by 30%, contributing to smoother operations.

### [All-in-one AI-powered document management and PDF toolkit. ↗](#)

Jul 2025 - Present

This web based platform provides a seamless experience to summarize, edit, convert, compress, and manipulate your documents in just a few clicks all from the browser, with no installations needed.

## SKILLS

- Python
- HTML 5
- JavaScript
- Oracle
- Verilog
- CSS
- React
- OpenCV
- NumPy
- Django
- MS SQL Server
- Pandas

### [Interview Cracker AI ↗](#)

Apr 2025 - Jun 2025

A personal, AI-powered interview coach designed to help users prepare for job interviews. The application covers all stages of the interview process, from aptitude tests to technical and HR rounds, providing tailored guidance and practice.

### **Hybrid Li-Fi and Wi-Fi Communication System**

Oct 2024 - Present

Developed a hybrid communication system combining Li-Fi for high-speed data transfer and Wi-Fi for continuous communication when the Li-Fi signal was blocked. Implemented a dynamic switching algorithm to ensure seamless transitions between the two technologies, maintaining uninterrupted connectivity. Achieved 99% reliability in communication for environments with variable signal obstructions, providing secure and efficient data transfer.