

TANESH S. ASHAN

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EDUCATION

Indian Institute of Information Technology, Sri City (IIIT Sri City)
Bachelor of Technology in Computer Science (CSE)

November 2022 - December 2026

GPA: 8.0

SKILLS

Languages : C, C++, Java, Python, JavaScript

Frameworks: Django, React, Node.js, Express.js

Tools : Microsoft Power BI, Data Analysis

Soft Skills : Team Leading, Collaboration, Innovation, Problem Solving

WORK EXPERIENCE

Bosch India, Maharashtra

May 2024 - August 2024

Web Development Intern

- Designed and implemented an Intern Management System using Python and Django, increasing onboarding efficiency by 40% and enhancing progress tracking accuracy through a user-friendly dashboard interface.
- Developed a secure user authentication system with role-based access control, ensuring 100% compliance with data security protocols and supporting seamless user management for interns, administrators, and managers.
- Developed and integrated an automatic email notification system for the intern management platform, resulting in a 50% decrease in onboarding time by streamlining communication between interns and administrators.
- Enhanced the Indent Management System by designing custom views and models and implementing Excel-based report generation, which reduced reporting time by 25% and improved analytics accessibility.

PROJECTS

E-Learning Website 🌐

React, Node.js, Express.js, MongoDB

- Engineered an interactive e-learning platform incorporating user authentication, course enrollment, resulting in a 35% improvement in user engagement rates.
- Transitioned the initial Django framework to a more scalable architecture utilizing React, Node.js, and MongoDB.
- Improved user engagement by 80% through optimized backend and frontend functionality.

Intern Management System

Python, Django

- Streamlined Bosch's intern processes by developing a secure, user-friendly platform that reduced onboarding time by 50% and improved task assignment efficiency through automated workflows.
- Collaborated with a team to deliver efficient progress tracking and mentor communication tools.
- Generated custom reports within the Indent Management System that allowed users to generate detailed analytics on item usage, leading to improved inventory tracking with zero discrepancies reported during audits.

Indent Management System

Django

- Created and implemented a web-based Indent Management System utilizing Django, which streamlined the process and decreased manual processing time by 40% through automation of indent creation, tracking, and reporting.
- Implemented role-based access control (RBAC), improving data security by 50% and ensuring secure, role-specific access to sensitive information.
- Customized models and views to enable Excel-based reporting and real-time data updates, streamlining reporting processes and boosting operational efficiency by 30

CERTIFICATIONS

- **AI for Students: Build Your Own Generative AI Model** - NXT Wave 🌐
- **Website Design and Development** - Mayuri Technologies 🌐