

UPENDER SINGH LAKHWAN

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EDUCATION

Bachelor of Technology in Computer Science & Engineering, CGC Landran Expected 2025
Current Score: 8 CGPA

12th - PCM + CS, Kendriya Vidyalaya Sector-31 Chandigarh 2021
Percentage: 93.8%

SKILLS

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|-------------------------|--|
| Languages | Python, JavaScript, C/C++, Java |
| Frameworks | React.js, Express.js, Node.js, Django, Selenium, Spring Boot |
| Databases | SQL, Firebase, MongoDB |
| DevTools | GitHub, Postman, XAMPP |
| Operating System | Windows, Linux |

Soft Skills Leadership, Team Management, Collaboration

EXPERIENCE

Full Stack Intern Nov 2022 - Jun 2023
Makes360 *Punjab, IN*

- Designed 15+ web applications in MERN stack, which improved the user experience with RESTful APIs.
- Managed 5 client projects, implementing complex logic to enhance functionality.

PROJECTS

AI Podcast Generation ([GitHub](#))

- Built a system that generates 3 minutes of human-like voice podcasts from articles or book links.
- Integrated Gemini API to generate AI-based scripts and utilized PyHT for voice synthesis.
- Combined 5+ male and female voice segments using PyDub to create final podcast outputs.

Trending Scrapper Selenium ([GitHub](#))

- Designed a Selenium script to automate the retrieval of the top 5 trending news topics from Twitter.
- Implemented MongoDB to store and manage fetched data efficiently with 99.9% uptime.
- Created a Flask API that supports thousands of API requests & returned the data in JSON format.

TaskHive ([GitHub](#))

- Engineered Jira like software with SpringBoot allowing users to perform various operations on tasks.
- Allows users to assign tasks to another user and create upto 100 new workspaces of personal/organization type.
- Integrated JWT securing 100% of API with authentication and preventing security breaches.

CERTIFICATIONS & ACADEMIC ACHIEVEMENTS

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| 1. Prompt Engineering for Developers - Udemy | • Ranked top 10 in National Hackathon, Mumbai |
| 2. Python Mastery - TCL IT | • Secured first in Techtonics at the intra-college level. |
| 3. Google Certified Developer Student Clubs Lead | • Placed third in Ideathon at the inter-college level. |
| 4. Web Designing - freeCodeCamp | • Earned a 5 Star rating in Python & C++. |