# DEEPAK T

## Skills

CSS . Cybersecurity . Docker . Fast Learner . Flask . Git . GitHub . Google Sheets . HRMS . HTML . JavaScript . Netlify . NLP. Parse . PWA . Python . React . Regex. SQL . Streamlit . NET. Gmail . Angular

## CERTIFICATION

### Full Stack Developer Internship
Internship certificate got from nohitatu private limited for full stack developer

### Programming Fundamentals in C
Programming fundamental in C from Coursera

### Python Certificate
Python certificate from Guvi platform

### Python and Machine Learning
Python and Machine Learning from ShapeAI bootcamp

### JavaScript and React JS
JavaScript and React JS from ShapeAI bootcamp

### Python and Data Analytics
Python and Data Analytics from ShapeAI bootcamp

### Python and Cybersecurity
Python and Cybersecurity from ShapeAI bootcamp

### Data Analytics and Excel Dashboard
Data Analytics and Excel Dashboard from ShapeAI bootcamp

## Engineering Graduate

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📍 Theni, India

## SUMMARY

As a recent engineering graduate, I bring a strong foundation in computer science, enhanced by hands-on experience in AI/ML development. I've successfully undertaken diverse projects, demonstrating my ability to learn quickly and apply theoretical knowledge to practical applications. My passion for technology drives my commitment to continuous growth and innovation

## EXPERIENCE

### AI/ML & Python Developer
01/2025   Present
**Cube AI Solutions**
Tiruchengode, Tamilnadu

AI solutions company focused on machine learning and data analysis
- Developed AI/ML applications using Python
- Involved in the development and implementation of various machine learning models

### Angular Developer
08/2022   12/2022
**ArdensBusinessSolution Pvt Ltd**
Chennai, Tamilnadu

A company specializing in business solutions
- Developed applications using Angular and .NET
- Collaborated in team projects to implement solutions effectively

### Fullstack Developer Intern
10/2021   01/2022
**NohitatuSoftwareDevelopment Private Limited**
Chennai, Tamilnadu

Software development company focusing on comprehensive solutions
- Worked in HRMS project using Angular, .NET and SQL

## EDUCATION

### Bachelors degree in computer science engineering
08/2017   03/2021
**Hindustan College of Engineering and Technology**
Coimbatore, Tamilnadu

### HSC (Tamilnadu state board)
07/2016   04/2017
**S.U.M School**
Theni, Tamilnadu

### SSLC (Tamilnadu State board)
06/2014   04/2015
**Govt. Hr. Sec. School**
Theni, Tamilnadu

## PROJECTS

### Voice Translator
Translate to Other Language
- Developed a web-based voice translator with real-time translations
- Converted to a mobile APK via PWA Builder

### Patient Tracker
Patient Tracking & Note Summarization
- Built a healthcare note-taking system that transcribes audio notes
- Includes CRUD interface for managing patient records

## PROJECTS

### Sheets Chatbot

Google Sheets Chatbot
- Implemented a Python-based chatbot that queries data in Google Sheets
- Supports natural-language queries for formatted answers

### Quote App

Conveyancing Quote App
- Scraped real-estate and legal-rates websites for quote data
- Built a responsive front-end for user input and quotes

### Document Analyzer

Legal Document Risk Analyzer
- Developed a Streamlit app for analyzing legal documents
- Employed NLP techniques for extraction and summarization of contracts

### Query Generator

Natural-Language to MySQL Query Generator
- Created a UI for translating natural language requests into MySQL queries
- Built with Python Flask and integrated with MySQL database

### Chatbot Project

Content-Creation Chatbot
- Developed full-stack chatbot for Q&A and image analysis
- Hosted on Netlify and Render.com

### Resume Parser

Resume Filtering & Extraction Agent
- Built n8n workflow to parse incoming resumes and extract key fields
- Enabled on-demand filtering by role or experience

### LinkedIn Automation

Automated LinkedIn Posting Agent
- Automated LinkedIn content generation and posting using n8n workflows
- Deployed pipeline in Docker for reliable 24/7 operation

### Activity Monitor

Human Activity Monitoring project
- Deployed YOLOv8n model to detect activities in video streams
- Processed frame-by-frame detections and applied custom logic for activity logs

### Waste Classifier

E-Waste Classification project
- Built image classifier to distinguish between biodegradable and non-biodegradable waste
- Leveraged Kaggle datasets and fine-tuned a CNN model for real-time inference

### Image Classifier

Image Classification & Prediction project
- Trained convolutional neural networks (CNNs) to recognize objects
- Achieved over 90% accuracy on validation set using data augmentation and transfer learning

### Password Manager

Enhancement of website password security by access log-based salt
- Proposed an Offline Password Manager that stores passwords in the local device
- Used hash algorithm and hill cipher for salt generation to enhance security