

# Hariom Kumar Pandit

✦ hariompandit9999@gmail.com ✦  hari7261 ✦  hariompandit.me

## EDUCATION

Excel Engineering College, Tamil Nadu

Degree (Bachelor of Engineering), Computer Science and Engineering

Nov 2022 - May 2026

CGPA – 7.56

Ram Dayal Subh Narayan High School, Chhapra

12<sup>th</sup> (Science)

Nov 2020 - March 2022

Marks - 57.6%

## PROFESSIONAL EXPERIENCE

Freelance Developer - Remote

As developer with experience of NextJS, ReactJS, and Flask like technologies.

[Aug 2024 -Present]

Tamil Nadu, India

- Delivered full-stack web applications and AI-driven tools for startups and small businesses
- Designed and deployed scalable web platforms using React.js, Next.js, Node.js, Flask with APIs
- Implemented data scraping and Automation tools using Python and BeautifulSoup to automate workflows
- Built secure, multifunctional custom back-ends and AI agents for student mini projects within the college campus

## ACHIEVEMENTS

Hackathon - 25 – AI Powered Medical Healthcare Platforms

[March 2025]

Awarded **First** prize at the Coding Hackathon, **Excel Engineering College (Autonomous)** and **Payoda Technology Inc**

- Implemented AI-Powered Solution by building an **AI agent** through a Chatbot and Appointment System with several services
- Built secure and strong back-end functionalities to **Protect Route** of web-based system from unauthorized user
- Created real-time **Data Workflows** by integrating Supabase Auth and Database Storage.

Software Engineer Certification – Hacker Rank Coding Exam

[December 2025]

Earned **Software Engineer** Certificate from **HackerRank** by problem-solving through three rigorous coding tests.

- Developed optimized and readable code in Python and JavaScript, adhering to time and space complexity constraints
- Solving complex problem-solving challenges **SQL**, and **REST APIs** to ensure seamless system communication

## SKILLS

**Languages** - Python (+Flask, NumPy, Pandas), JavaScript (+TypeScript, Node.js), Bash

**Tool** - Selenium (Basic), Git, GitHub, Vercel, NLP, BeautifulSoup

## TECHNICAL PROJECTS

Video Listener -AI Agent

[April 2025]

An **AI-powered meeting recording, transcription, tool** - **Flask, Google Generative-ai, OpenAI-Wishper**

- Capture system audio & mic, transcribe with Whisper, and auto-summarize meetings with AI
- Implemented chat with Past recordings, explore topics, search past meetings like features through the AI agent

Research-AI

[April 2025]

An **AI-powered research report generator** **web scraping, NLP, and document generation, flask.**

- Collecting data from multiple sources through web-scraping using selenium and Natural language processing
- Modifying the scraped data using Generative ai, sentiment analysis through NLP pipelines and ready reports PDF

NLP Resume-ATS Checker

[March 2025]

NLP based resume ATS checker – **Flask, spaCy, PyPDF2, Bootstrap, Nltk**

- Integrated keyword scoring, section validation, NLP-based analysis, and export features (PDF/TXT) with company recommendations.
- Implemented regex pattern matching, entity extraction via NLP, and custom scoring heuristics to emulate an ATS.

Exam Genius – AI Agent

[March 2025]

**AI-powered exam generator which automate exams and test** – **Typescript, Gemini API, Supabase Database**

- Designed dynamic question generation, real-time database workflows, and secure user management
- Implemented test or exam system that auto-generates exams using Gemini API, with TypeScript and Supabase.

### **Med Assess – Healthcare Platform | AI Powered**

[December 2024]

*Healthcare AI -powered platform designed to provide each medical information and resources from single platform*

- Implemented features like disease assessments, AI-driven medical chatbots, a doctor appointment system, and access to government healthcare schemes, insurances like medical services and resources.
- Integrated secure user access routing using Protect-Route in the Supabase back-end workflows to secure the resource.

## **LEADERSHIP EXPERIENCES**

---

### **Overall Mentor & Coordinator, Open-Source Contribution Program - [Site](#)**

[March - 2025]

*Led with technical team at Excel Engineering College to accomplish open-source projects and developer tools.*

- Initiated structured Git and GitHub training programs, enabling participants to build real-world projects collaboratively
- Guided over 100+ students in understanding the open-source ecosystem and making their first contributions
- Mentored contributors in learning modern technologies including React, Node.js, and Python-based automations.

### **Coordinator, Techno-Debuggers Coding Contest - [Site](#)**

[April - 2025]

*Led a department-level technical contest aimed at enhancing second-year students problem-solving and coding skills*

- Organized and executed a three-round event featuring MCQs, coding challenges, and debugging tasks on Hacker-Rank.
- Collaborated with faculty, the Head of Department, and event volunteers of Excel Engineering College to design and deliver engaging technical rounds.
- Received strong appreciation from faculty and students for effective leadership, smooth coordination, and technical relevance