

# Kavin L

kavinlakshmanan2003@gmail.com | Portfolio | kavin-l

## EDUCATION

### PANIMALAR ENGG COLLEGE BE IN MECHANICAL

Expected June 2025 | CGPA:9.65 / 10.0

### AKASHAYA ACADEMY CBSE

BIO-MATHS | AISSCE

Grad. May 2021 | Cum Per : 86.2

## LINKS

Github:// [kavinlakshmanan](#)

LinkedIn:// [kavin-l](#)

Code 360:// [Kavinlakshmanan](#)

Leetcode:// [kavinlakshmanan](#)

GFG:// [kavinlmxf4a](#)

## SKILLS

### PROGRAMMING

Advanced:

Java • Servlet

Intermediate:

Python • html • CSS • JPA • React • Git

Familiar:

Docker • Spring Security • Android •

MySQL • TensorFlow • Keras • API •

Spring Boot

## COURSEWORK

Java SE 11 [[kavin-l](#)]

AI and Machine Learning [[kavin-l](#)]

NPTEL( Data Science ) [[kavin-l](#)]

Data Structures and Algorithms

Python( Bootcamp ) [[kavin-l](#)]

On-Going | Current Learning

Spring | Spring Boot [[kavin-l](#)]

Web-Development(Bootcamp) [[kavin-l](#)]

## INTERESTS

TECHNICAL:

Robotics • Designing • Full stack

Development • R | D

NON-TECHNICAL

Ukulele • Stock Market • Editing •

Networking

## RESPONSIBILITIES

TECHNICAL:

- Students' Representative(Mechanical Department)

- Idea Lab Student committee member

## PROJECTS

### SIH | HEALTHLENS - AI-POWERED DERMATOLOGICAL CARE

Oct 2023 – Dec 2023 | [\[Link\]](#)

- **Model Development:** Trained a CNN model using Keras and TensorFlow, achieving 92% accuracy in skin disease detection.
- **Model Optimization:** Converted the model to TensorFlow Lite, reducing model size by 70% for efficient offline use.
- **Integrated Solution:** Built a Python-based CLI tool and a HTML | CSS landing page, enabling seamless diagnostics for 40+ users.

### CLI - ASSIST | JAVA - BASED CLI INTEGRATED WITH CHATGPT API

May 2024 – June 2024 | [\[Link\]](#)

- **Interactive CLI:** Developed a Java CLI application allowing users to input prompts and receive AI-generated responses in real-time.
- **API Integration:** Integrated seamlessly with the ChatGPT API for retrieving and displaying responses based on user inputs.
- **Tech Stack:** Java, ChatGPT API (OpenAI), HttpURLConnection, JSON and Exceptions.

### DOC-GEN JAVA | TOOL THAT AUTOMATES JAVA DOCS | COMMENTS

June 2024 – Ju 2024 | [\[Link\]](#)

- **Automated Documentation:** Developed a tool using GPT API to automate code documentation, enhancing productivity by reducing documentation time by 50%.
- **Enhanced Efficiency:** Streamlined documentation tasks, allowing developers to allocate 20% more time to coding and innovation while maintaining high documentation quality standards.

## POTENTIAL PROJECTS

### PREDICTIVE VALUATION APPLICATION

- Conceptualized a machine learning-based application to predict company valuations.
- Planned to utilize pre-trained machine learning models for accurate valuation estimates.

## INTERNSHIP | TRAINING

QSpiders :

June 2024 – July 2024 | Panimalar Engineering College, Chennai

- **Mastered core Java concepts:** Implemented 50+ coding exercises covering OOPs, loops, conditional statements, and arrays.
- **SQL Proficiency:** Managed databases, wrote 100+ queries, and manipulated data / tables .

Cognifyz Technologies:

Apr 2024 – May2024 | Java Developer | Remote

- **Developed CLI:** Developed and deployed 5 command line applications using Java, including Random Password Generator, and Student Grade Calculator.
- **Enhanced Security:** Created 2 security-focused projects: File Encryption/Decryption and Password Strength Checker.

CodSoft :

Mar 2024 – Apr 2024 | Web Developer | Remote

- **Portfolio:** Created a responsive portfolio website using HTML and CSS, focusing on clean and user-friendly interface.

