

# Kavin L

kavinlakshmanan2003@gmail.com | Portfolio | kavin-java | Live Links Attached

## EDUCATION

### PANIMALAR ENGG COLLEGE BE IN MECHANICAL

Expected June 2025 | CGPA: 9.61 /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 • OOPs • Python

Intermediate:

Html • CSS • MySQL • Git

Familiar:

DSA • Spring • Spring Boot •

TensorFlow • Keras • API • Servelt

## COURSEWORK

Java SE 11 (Oracle)[[Link](#)]

AI and Machine Learning (TCS ion)[[Link](#)]

Data Structures and Algorithms

Python( Bootcamp )([Link](#))

NPTEL( Data Science )([Link](#))

Ongoing | Current Learning

Spring | Spring Boot([Link](#))

Web-Development(Bootcamp)([Link](#))

## INTERESTS

TECHNICAL:

Robotics • Designing • Full stack

Development • Presentation

NON-TECHNICAL

Ukulele • Finance • Mentoring •

Networking • Sketching

## RESPONSIBILITIES

TECHNICAL:

- Students' Representative(Mechanical Department For 2+ Years)

- Idea Lab Student committee member

- Mentored juniors for over 1 year in coding practices and project development

## PROJECTS

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

Oct 2023 – Dec 2023 | ([Live 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.

### PEC - DEPARTMENT PORTAL | JAVA - BASED CLI ENHANCED WITH HTML | CSS

July 2024 – Ongoing | ([Live Link](#))

#### Backend development

- **Java:** Designed and implemented core system architecture using OOP principles.
- **Collections:** Ensured efficient data management with Java Collections for 5+ departments.
- **Exceptions:** Integrated exception handling for improved robustness.
- **Dynamic Modules:** Developed a CLI tool for navigating 4+ departmental modules.
- **Code Reliability:** Enhanced codebase reliability ,robustness and maintainability through design patterns and exception handling, improving by 30%.
- **Frontend:** Created the frontend from scratch using HTML and CSS, enhancing user experience by 40%.

## OBJECTIVE

- Skilled software developer with experience in building CLI applications in Java, and designing user interfaces using HTML, and CSS.
- Aiming to apply my knowledge in software development to create impactful software solutions, and enhancing user experiences with a strong focus on writing well-defined code.

## 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:** Created 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.