

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

Java • OOPs • Python

Html • CSS • MySQL

DSA • TensorFlow

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:

Student Leadership: Students'
Representative(Mechanical Department
For 2+ Years)

Mentorship: 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 for efficient offline use.
- **Integrated Solution:** Built a Python-based CLI tool and a HTML | CSS landing page, enabling seamless diagnostics for 10+ users.

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

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

Backend development

- **Java:** Designed and implemented core system using OOP principles.
- **Collections:** Ensured efficient data management with Java Collections for 5+ departments.
- **Exceptions:** Integrated exception handling for improved User experience.
- Developed a CLI tool for navigating 4+ departmental modules.
- Enhanced codebase reliability , robustness and maintainability through design and exception handling.

OBJECTIVE

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

INTERNSHIP | TRAINING

QSpiders :

June 2024 – July 2024 | Panimalar Engineering College, Chennai

- Implemented 50+ coding exercises covering OOPs, loops, conditional statements, and arrays.
- Created databases, wrote 50+ queries, and manipulated data / tables .

Cognifyz Technologies:

Apr 2024 – May2024 | Java Developer | Remote

- **Developed CLI:** Developed command line applications using Java, including Random Password Generator, and Student Grade Calculator.

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.