



# KALKI ESHWAR D

B.Tech, Computer Science and Engineering, Vellore Institute of Technology

I'm passionate about software development and the thoughtful integration of artificial intelligence to build digital experiences that truly matter. I enjoy contemplating life's mysteries and exploring how technology can be a powerful tool for solving complex problems.

## CONTACT

- Email:** kalkieshward@gmail.com
- Phone:** +91 87620 84555
- Website:** kalkieshward.me
- Twitter:** @KalkiEshwarD
- LinkedIn:** Kalki Eshwar D

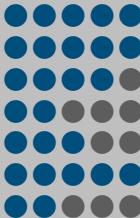
## PROFESSIONAL CERTIFICATIONS

- Exercising Leadership: Foundational Principles - **Harvard University (HarvardX)** - January 2024
- Machine Learning - **Deeplearning.ai & Stanford University** - December 2022
- GenAI using IBM WatsonX - **IBM Technologies** - June 2025
- GenAI for Executives & Business Leaders: An Introduction - **IBM Technologies** - May 2024
- Prompt Engineering - **Vanderbilt University** - June 2023
- Cybersecurity Roles, Processes and Operating Systems Security - **IBM Technologies** - July 2023

## SKILLS PROFICIENCY

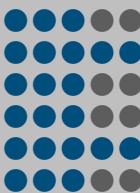
### Programming Languages

- JavaScript
- TypeScript
- Python
- Java
- C/C++
- Dart
- SQL



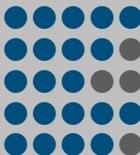
### Libraries and Frameworks

- LangChain
- Flutter
- Sklearn
- TensorFlow
- React
- Ruby on Rails



### Tools and Platforms

- GenAI
- AWS
- Docker
- Linux
- GitHub



## WORK HISTORY (INTERNSHIPS)

May 2025 - July 2025

### Foradian Technologies

Developed a full-stack mobile application using React Native and Ruby on Rails to create internal tools for the company. Focused on enhancing user experience and integrating backend services.

**Company Link:** <https://www.foradian.com/>

### Full Stack Mobile App Developer

June 2024 - July 2024

### Mon Clarity Solutions Pvt Ltd

Developed a front-end finance application using Flutter framework, integrated APIs to connect various services, and performed comprehensive debugging and testing to ensure quality assurance.

**Company Link:** <https://finmitr.in/>

### Flutter Developer

October 2023 - December 2023

### Valsco Technology Pvt Ltd

Drafted internal and external facing security policies and protocols to ensure confidentiality, integrity and availability of information and information systems of the company.

**Company Link:** <https://www.valscotech.com/>

### Security Compliance Intern

## PROJECTS UNDERTAKEN

### Database Agent

Python, Gen AI, LLMs, LangChain

July 2025 - Current

Developing an advanced conversational agent using LangChain and LLMs to interact with diverse data repositories (e.g., SQL, CSVs). The agent interprets complex natural language queries to perform multi-source data retrieval, conduct analyses, and generate visualizations, bridging the gap between user intent and data execution.

### Loan Default Prediction Model

Python, Sklearn

August 2023

Engineered a predictive model using Python and Scikit-learn to identify potential loan defaults for a Coursera competition. Achieved a top 12% ranking (88th percentile) through rigorous feature engineering and model tuning.

### Cash Ledger

Flutter, Ruby on Rails, PostgreSQL

July 2025 - Current

Developing an end-to-end encrypted finance tracking application with Flutter and Ruby on Rails. The platform allows users to securely manage budgets, categorize expenses, and track transactions with cloud storage.

### My Portfolio Website

React.js, Next.js, Tailwind CSS

January 2025 - Current

Designed and launched a fully responsive personal portfolio website using Next.js and Tailwind CSS. The site showcases my projects and skills through a modern, clean UI optimized for a seamless user experience across all devices.

### VIT Chess Website

Javascript, React.js

April 2024 - June 2024

Engineered a React.js-based website to serve as the central community hub for VIT chess enthusiasts. This platform provides members with features to stay updated on chess news, analyze games, and track individual performance.

## RESEARCH PUBLICATIONS

---

- AlphaPro at SemEval-2025 Task 8: A Code Generation Approach for Question-Answering over Tabular Data

2025                      Association for Computational Linguistics (ACL)  
<https://aclanthology.org/2025.semeval-1.307/>

- Occlusion-Resilient Face Detection for Real-World Robustness Using Efficient Machine Learning Techniques

2025                      International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI)

## EDUCATIONAL QUALIFICATIONS

---

September 2022 - July 2026                      Vellore Institute of Technology

B.Tech,  
Computer Science and Engineering  
Vellore, India  
CGPA: 8.65

June 2021 - March 2022                      Sri Chaitanya Techno School

Grade XII, CBSE  
Bengaluru, India  
Percentage: 87.4

June 2019 - March 2020                      Deva Matha Central School

Grade X, CBSE  
Bengaluru, India  
Percentage: 89.2

## ACHIEVEMENTS, AWARDS AND RECOGNITIONS

---

- Member Secretary, Student Council, VIT (2024-25)
- Karnataka U-1700 State Amateur Chess Champion
- Karate Ni Dan (2nd Black Belt)
- 21st International Rank in Silverzone Aptitude Olympiad (iRAO)
- Winner of VIT Premiere League Chess Championship for three consecutive years
- 2nd runner up in South Zonal Inter University Chess Tournament representing VIT
- School Head Boy, DMCS

## SKILLS PROFICIENCY

---

### *Languages*

English  
Hindi  
Tamil  
Kannada

## COMPETENCIES

---

*Leadership*  
*Project Management*  
*Team Management*  
*Learning Agility*