

# B Mohnish Karthikeyan

Chennai, Tamil Nadu, India

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## EDUCATION

**Sri Chaitanya Techno School, Chennai**

Higher Secondary School

Jun 2019 - Aug 2021

Percentage: 95.2%

**Vellore Institute of Technology, Chennai**

Bachelors of Technology in Computer Science and Engineering

Sep 2021 - Jun 2025

CGPA: 9.51/10

## TECHNICAL SKILLS

- **Languages:** Python, C, C++, Java, SQL, NoSQL, R, Matlab
- **Web Technologies:** HTML, CSS, JavaScript, React, Tailwind CSS, Bootstrap, Flask, Django, REST APIs
- **Other Technologies and Frameworks:** Git, Linux, Postman, Pytorch, Numpy, Pandas, Matplotlib, Scikit-Learn

## EXPERIENCE

**Logitech Engineering and Designs**

Software Developer Intern

Aug 2023 - Dec 2023

Chennai, India

- Led the development of a plugin project. I used C++ to create a desktop application that serves as the foundation for the designated plugin. Seamlessly integrated the IFTTT automation tool into the C++ application.
- Developed and implemented various use cases for Gamers and Streamers, such as posting achievements or streaming information on diverse social media platforms such as Twitter, Facebook, Discord, etc.
- The application also played a vital role in controlling IoT devices. Additionally, I contributed to the development of a Windows service application designed to operate in the background.

## PROJECTS

- **Certificate Generator** : A unified web app that enables us to create an event with branding and an authorized signatory for the specific event, and generate bulk certificates for all participants and/or winners.
- **Expense Tracker** : A React JS-based web application dedicated to expense tracking. This sophisticated expense management tool features an uncomplicated and user-friendly interface, facilitating the efficient oversight of financial transactions and monitoring of spending patterns.
- **Heavenly Helpings** : A user-friendly website that enables individuals to conveniently locate the nearest temple or alternative subsidiary food shop for alms-giving purposes. In response to the escalating demand for food assistance, This platform is a valuable resource for those dedicated to virtuous contributions.
- **Omni Food** : A comprehensive redesign of the Omni Food website, incorporating advanced elements such as a sticky navigation bar, a hamburger menu, a toggle switch, and various other functionalities.

## LEADERSHIP / CO-CURRICULAR

**Tech Researchers Club, VIT Chennai**

Team Lead - Media and Design Dept

Nov 2022 - Present

Chennai, India

- I made substantial contributions to every web development project. In my role as a team lead, I supervise and coordinate the tasks of over 20 students in my department. My responsibilities extend to managing all web development projects.

**Microsoft Innovations Club, VIT Chennai**

Technical Team Member - Web Dev Dept

Feb 2023 - Present

Chennai, India

- Engaged actively in all technical events organized by the club. Designed and developed a Certificate Generator website employing HTML, CSS, JavaScript, Flask, REST, OpenCV, and SQL.

**IEEE Computer Society Club, VIT Chennai**

Technical Team Member - Tech Dept

Nov 2022 - Present

Chennai, India

- Participated actively in all technical events organized by the club. Authored documentation under the title "Introduction to Web Development" and made substantial contributions to a web development project.

## CERTIFICATIONS

- **NPTEL** - Entrepreneurship (Overall: 83%)
- **NPTEL** - Ethical Hacking (Overall: 71%)
- **Microsoft** - Azure AI Fundamentals
- **Coursera** - Supervised Machine Learning: Regression and Classification
- **HackerRank** - Python, Java and SQL
- **Spoken Tutorial** - Python, C and Advanced C++
- **Cisco** - Introduction to Packet Tracer
- **Coursera** - Programming for Everybody (Getting Started with Python)