

Mohana Prakash D

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EDUCATION

VIT, CHENNAI

MASTER OF COMPUTER SCIENCE

May 2025 | Chennai, Tamilnadu

CGPA: 8.45 (Till 2 Semester)

SACRED HEART COLLEGE

BACHELOR OF COMPUTER SCIENCE

May 2023 | Tirupattur, Tamilnadu

CGPA: 8.2

SRI VIDYA MANDIR MATRIC

HIGHER SECONDARY SCHOOL

Mar 2019 | Uthangarai, Tamilnadu

Percentage: 73.5

SRI VIDYA MANDIR MATRIC

SECONDARY SCHOOL

Mar 2017 | Uthangarai, Tamilnadu

Percentage: 92.6

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithms
- Object-Oriented Programming
- Database Management Systems
- Operating Systems

POSTGRADUATE

- Machine Learning foundation
- Web Development
- Object-Oriented Programming
- Cloud computing - AWS

SKILLS

SOFT SKILLS

- Analytical and Critical Thinking
- Efficient Time Utilization
- Cross Functional Leadership

TECHNOLOGY PROFICIENCY

- HTML, CSS, JavaScript
- Java
- Reactjs
- MySQL
- Git and GitHub

SUMMARY

Ambitious and innovative Computer Science graduate with a passion for crafting robust software solutions. Specializing in frontend, backend, and Java development, with a proven ability to deliver high-quality code and design. Eager to bring a fresh perspective and technical expertise to a dynamic team, while staying ahead of industry trends and advancing in cutting-edge technologies.

INTERNSHIP

CONNECTING BLOOD

- During my internship as a Full-Stack Developer at Connecting Blood, I developed a secure MERN stack-based blood donation platform. I worked on key pages, including the landing, login, and signup pages, and implemented JWT authentication for secure user login/signup functionality. Additionally, I integrated OAuth for third-party logins and used JWT for managing user sessions. I designed responsive user interfaces using React and TailwindCSS and deployed the site using GoDaddy's FTP server.

PERSONAL PROJECTS

REACT E-COMMERCE WEBSITE

- Developed a dynamic e-commerce platform using React, featuring a responsive product listing page and individual product detail views, integrating API endpoints to fetch and display products from MongoDB. Utilized React hooks for state management, implemented reusable components, and ensured a mobile-friendly design with Bootstrap.

SONG RECOMMENDATION SYSTEM

- Developed a groundbreaking Song Recommendation System based on Emotion Sensing, utilizing facial expression recognition to curate personalized playlists. Seamlessly integrated cutting-edge technology to bridge music and emotions, enhancing user experience.

CERTIFICATIONS

- Explore React.js Development - LinkedIn Learning, March 2024.
- SQL Hands-On Practice - LinkedIn Learning, March 2024.
- Attained distinction in NPTEL's "Programming in Java" course, November 2022.

AWARDS

- Academic Proficiency Award (2022-23) - Sacred Heart College, 2023.
- First Prize in IFEST22 Coding Competition - Auxillium College, 2022.