

T MOHAMMAD ZAHIK

Mangalore, Karnataka

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SKILLS

Languages: Python, Java, C, C++, SQL, JavaScript, HTML, CSS, PHP

Frameworks & Libraries: React.js, Django, Node.js, PyTorch, TensorFlow, OpenCV, NumPy, Pandas, Matplotlib, Streamlit

Tools & Platforms: Git, VS Code, MySQL, Docker (basic), AWS (basic), Firebase (basic), MS Office

Concepts: OOP, SDLC, REST APIs, Agile, Unit Testing, Computer Vision, Data Analysis

Soft Skills: Communication, Problem Solving, Collaboration, Time Management

PROJECTS

Depth Estimation Through Generative View Synthesis | *Python, PyTorch, OpenCV, Streamlit*

- Built and deployed a **deep learning model** using **MiDaS** and **stereo vision** to estimate **3D scene depth** from **2D images**
- Integrated **image preprocessing pipelines** and deployed an **interactive dashboard** for **real-time inference**
- Published** in an **IEEE conference**, showcasing applications in **autonomous navigation**, **robotics**, and **analytics**

Vehicle Parking Management System | *PHP, MySQL, JavaScript*

- Designed a complete **end-to-end web system** for **automated slot allocation**, **real-time tracking**, and **customer data handling**
- Reduced **parking errors** by **70%** and enhanced **operational efficiency** with **automated fee calculation** and **receipt generation**

Fitness Studio Web App (Client Project) | *React.js, HTML, CSS, JavaScript, MySQL*

- Delivered a **responsive, full-stack web application** using **React.js**, **HTML**, **CSS**, **JavaScript**, and **MySQL**, featuring dynamic components and clean **UI/UX**
- Completed **ahead of schedule**, showcasing **component-based design**, **frontend-backend integration**, and **database optimization**

EXPERIENCE

Full Stack Web Development Intern

Bangalore, India

Varcons Technologies Pvt. Ltd

Aug 2023 – Sep 2023

- Developed and deployed a full-stack fitness web app** using **React.js**, **MySQL**, **HTML**, **CSS**, and **JavaScript**, delivering a responsive and dynamic user experience
- Improved team productivity by 25%** by building **modular components**, optimizing **database schemas**, and applying **Agile practices**, **Git**, and **responsive design principles**

EDUCATION

St Joseph Engineering College ,Mangaluru | *BE, (CSE) ; CGPA: 7.98/10*

2020 – 2024

Alvas PU College ,Vidyagiri ,Moodbidri | *PUC, (PCMC); 92.5 %*

2018 – 2020

Ideal English Medium High School ,Yedapadavu | *SSLC ; 94.72 %*

2018

CERTIFICATIONS

SQL(Intermediate)([Certificate](#)) | *HackerRank*

Aug 2025

Python for Data Science([Certificate](#)) | *Infosys*

Mar 2025

Computer Vision and Python Image Automation([Certificate](#)) | *Udemy*

Feb 2025

AWS Cloud Practitioner Essentials([Certificate](#)) | *AWS*

Jan 2025

AI For Everyone([Certificate](#)) | *Coursera*

Nov 2023