T MOHAMMAD ZAHIK

Mangalore, Karnataka

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https://github.com/MohammadZahik/MohammadZahik

SKILLS

Languages and Tools: Python, Java, SQL(MySQL), HTML, CSS, JavaScript, VS Code, Github

Libraries and Frameworks: Django, React.js, OpenCV, NumPy, Pandas, Matplotlib, Streamlit, PyTorch, Tensorflow

PROJECTS

Depth Estimation Through Generative View Synthesis :

- Tech Stack- Python, OpenCV, NumPy, PyTorch, Streamlit, Matplotlib.
- Designed and implemented a depth estimation system leveraging stereo correspondence and deep learning models to generate precise disparity and depth maps.
- Applied advanced image preprocessing, rectification techniques, and evaluation metrics (MSE, SSI) to deliver accurate and scalable solutions for 3D perception in real-world applications.

Vehicle Parking Management System :

- Tech Stack- HTML, CSS, JavaScript, PHP, MySQL.
- Developed a web-based application with an intuitive interface for managing parking slots and customer information efficiently.
- Implemented core functionalities, including vehicle entry/exit tracking, real-time slot availability updates, automated fee calculation, and receipt generation.

EXPERIENCE

Full Stack Web Development Intern   Bangalore, India

Varcons Technologies Pvt. Ld   *Aug 2023 – Sep 2023*

- Completed a Full Stack Web Development Internship at Varcons Technologies, creating a fitness studio web template with dynamic page designs and database integration.
- Delivered the project ahead of schedule, showcasing exceptional design skills and effective time management.

EDUCATION

St Joseph Engineering College ,Mangaluru
  BE, Computer Science ; CGPA: 8.02/10   *2020 – 2024*

Alvas PU College ,Vidyagiri ,Moodbidri
  PUC, (PCMC); 92.5 %   *2018 – 2020*

Ideal English Medium High School ,Yedapadavu
  SSLC ; 94.72 %   *2018*

CERTIFICATIONS

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*

AWS Mini Course with Certification(Certificate**)** | *MicroDegree*   *Jan 2025*

AI For Everyone(Certificate**)** | *Coursera*   *Nov 2023*