

KEERTHIRAJHAN RAVI

Aspiring Digital Twin Developer | Exploring AI, IoT & Predictive Maintenance

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Indian
Coimbatore
Married

ABOUT ME

I am currently enhancing my expertise in digital twin technology and full-stack development, with hands-on involvement in predictive maintenance projects. Passionate about leveraging AI-driven solutions for real-world challenges, I aspire to establish a start-up that builds digital twin technologies across multiple industries, fostering innovation, efficiency, and sustainability.

Core Skills

- AI – TensorFlow
- IoT Edge computing
- MATLAB PdM toolbox
- 3D Modeling
- Data Analytics & Visualization

Technical Proficiency

- | | |
|-----------|------------|
| Front-end | HTML, CSS |
| Back-end | JavaScript |
| IDE | VS Code |
| OS | Windows |

EXPERIENCE

Integration tester at Capgemini Engineering

Feb, 2022 - Jan, 2024

- Conducted comprehensive testing of Automotive Active Safety features such as ABS, ESP, TCS, and Hill Hold Assist using PC simulation methodologies for Daimler.
- Responsibilities included developing test cases, configuring models in MATLAB, executing tests, and analyzing logs, followed by uploading log files to Quality Center.
- Proficient in Hardware-in-Loop testing and utilizing Jenkins for seamless integration within the testing framework.

Administrative official at Media Divine

Feb, 2020 - 2021

- I was involved in the administrative operations of Media Divine, a distinguished photo and Video production enterprise.
- Within this role, I oversaw event management, ensured timely product delivery, and managed customer feedback channels, among other responsibilities.

EDUCATION

Master of Science

Technical University Chemnitz
2016 - 2019

Personal Goal Pursuit

Traveled across Europe 2012 -2016

Bachelor of Engineering

Sri Shakthi Institute of Engineering and Technology
2007 - 2011

COURSES

Metaverse Content Creator Program at AjnaLens

Pursuing since 2024

LANGUAGES

Tamil	Native Speaker
English	Very good command
German	Very good command