DHARSHAN **SENTHIL**

Developer | Full-Stack & AI Enthusiast

Motivated and detail-oriented Software Developer with a passion for solving complex engineering challenges and building innovative, user-centric applications. Proficient in **ReactJS, Java, Unity,** and scalable backend systems. Adept in leveraging modern development tools and frameworks to deliver impactful solutions

WORK EXPERIENCE

Automotive Robotics India Pvt Ltd., Chennai — *SDE Intern*
Sep 2023 - Nov 2023

- Developed AR-AI application prototype for Smart Worker project using Unity 3D
- Collaborated with cross-functional team to integrate AR and AI technologies
- Optimized application performance, **reducing load time by 25%**
- Received commendation for quick learning and efficient adaptation to company standards

ACHIEVEMENTS

- **Cubethon 23 Kochi**: Achieved Second Runner-up position, displaying exceptional skills and dedication
- **Riggathon 22 Coimbatore:** Ranked in the top 10 teams, demonstrating excellence in the competition.
- **Hack-AI-thon 23 Coimbatore:** Advanced to the finals, showcasing strong performance

PROJECTS

TECHEASE — *Personalised, AI-driven educational Guide*

- Built an AI-powered web platform using **ReactJS** integrated with **RESTful** APIs for robust backend communication.
- Designed and implemented **machine learning algorithms** for personalized content delivery and dynamic progress monitoring.
- Integrated computer vision-based focus monitoring and gamification features, increasing **user engagement by 40%**.

BUBBA — *An AI-Augmented Reality companion*

- Developed an AR mental health support app using **Unity 3D and TensorFlow**, integrating NLP for personalized interactions
- Designed 3D avatars with real-time emotion recognition, enhancing user engagement and app interactivity
- Achieved **85% positive user feedback** on app effectiveness through iterative testing and refinement.

CONTACT

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- Linkedin
- GitHub

EDUCATION

B.Tech : Computer Science and Business Systems
Nov 2021 - Present
Sri Krishna College of Engineering and Technology, Coimbatore
CGPA-7.89

Higher Secondary
June 2017 - Mar 2019
Vidhya Vikas Boys Matrix Higher Secondary School, Thanjavur
Score-78

SKILLS

Programming Languages

- Java
- JavaScriot

Web Technologies

- ReactJS

Tools

- AWS(S3, EC2, Athena)
- Git
- Unity

DataBase

- MySQL

CORE COMPETENCIES

- Object Oriented Programming
- Data Structures & Algorithm
- Computer Networking
- Agile Development