

MUGESH SELVARAJ

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CAREER OBJECTIVE

Focused on shaping the future of technology, I seek to create scalable applications, immersive VR experiences, and cutting-edge digital solutions that push the boundaries of what's possible.

EDUCATION

KONGU ENGINEERING COLLEGE

2022 - 2026

Bachelor of Engineering in Computer Science

CGPA : **8.07** (End of 5th Semester)

SREE SARAVANA NIKETAN MATRIC HR SEC SCHOOL

2018 - 2022

Senior Secondary Education : **84.60** %

Higher Secondary Education: **89.83** %

WORK EXPERIENCE

CLIMETAVERSE

SEPT 2024 - DEC 2024

3D Modeler & VR Developer | Intern - Remote

- Created high-quality 3D bottling plant models in Blender and developed interactive VR environments in Unreal Engine 5.

PROJECTS

ECOMAP : BIPV ASSESSMENT

DEC 2024

Unreal Engine 5 | Cesium | QGIS

- Developed a cross-platform application integrating 3D city models, real-time solar data, and interactive tools for large-scale BIPV assessment and visualization.

MyAUTH - Authentication System

APR 2025

MERN | JWT Token | Tailwind CSS

- Built a secure auth system with OTP-based email verification and password reset using JWT, Nodemailer, and Toastify.

KEC Comfort Inn

APR 2024

MERN | Unreal Engine 5 | Blender

- Developed a guest house booking website with an admin panel and built a VR simulation of the guest house in Unreal Engine for virtual tours.

SKILLS

TECHNICAL SKILLS

- Programming Languages:** C, Java, JavaScript, C++ (Basic)
- Front-End Development:** HTML, CSS, React.js, Tailwind CSS
- Back-End Development:** Node.js, Express.js, JWT
- Database:** MySQL, MongoDB
- Tools:** Git, Figma, Postman, Blender, Unreal Engine 5

SOFT SKILLS

- Leadership:** Led teams in SIH'24 and Ideathon'24, guiding project development and execution.
- Time Management:** Competed in multiple 24-hour hackathons.

ACHIEVEMENTS

- Finalist**, Smart India Hackathon'24 (GTU, Ahmedabad)
- 1st Place**, Hacknovate'25 (24-hour Hackathon, KEC)
- 1st Place**, Hacknovate'24 (24-hour Hackathon, KEC)
- 1st Prize**, Renaissance'23 (Paper Presentation, KEC)
- 2nd Prize**, KEC Hackathon'23 (24-hour Hackathon, KEC)
- 2nd Prize**, Renaissance'24 (Web Page Designing, KEC)

AREA OF INTEREST

- Full Stack Development
- VR Development
- Data Structures
- 3D Modelling & Animation

CERTIFICATES

- MongoDB** - MongoDB Associate Developer

LINKS

hackerrank.com/profile/22CSR123_Mugesh
cgtrader.com/designers/mugeshs04