KIRUTHICK R

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SUMMARY

Entry-level Software Engineer skilled in the MERN stack with a strong engineering foundation. Focused on building scalable, user-centric web applications using React, Node.js, and modern JavaScript. Eager to contribute to a collaborative development team with strong problem-solving skills.

EDUCATION

BE-MECHATRONICS ENGINEERING   2023 - 2027
Kongu Engineering College, (Currrent CGPA :8.35)
Korakattuvalusu
Perundurai.

SSLC & HSLC   2018 - 2023
Green Garden Matric.Hr.Sec.School, (Passed out with 80%)
Korakattuvalusu,
Perundurai.

AREA OF INTREST

- Full-Stack Web Application Development (MERN stack)
- Frontend Engineering, UI/UX and Responsive Design
- Desktop Application Development
- Internet Of Things
- 3D Modelling

TECHNICAL SKILLS

- Python (Intermediate)
- C programming (Intermediate)
- Git (Advanced)
- Javascript (Beginner)
- HTML & CSS(Advanced)
- MERN Stack (intermediate)
- React native (Beginner)
- Flask (Beginner)
- Solidworks & Autocad(Intermediate)

PROJECTS

Codebase Desktop IDE
- Code Base Electron App is a cross-platform desktop IDE built with Electron to organize code snippets and manage programming resources.
- Tech stacks : Electron, React, Monacco Editor.

Quiz-Force Full Stack Application
- Quiz Force is a lightweight, user-friendly quiz app designed to enhance learning with fast, interactive questions, smart scoring with role based login.
- Tech stacks : React, Node js, Express js, MongoDB.

Portfolio Website for Department COE
- A professional portfolio website for the COE department showcasing achievements, projects, faculty profiles, and departmental activities.
- Tech stacks : React, Lottie Animations.

Smart Parking lot with IOT Integration
- IoT-enabled smart parking system using ESP32 that detects vehicle presence and updates real-time parking availability to the cloud for efficient parking management.
- Tech stack: ESP32, Embedded C, IoT, Sensors, Web Technologies

PAPERS PRESENTED

- Presented a paper on the topic "Wheat plate makin machine" in Throb'24 at Kongu Engineering College.
- Participated on the topic"Mech Inovatz" in E-Horizon at Kongu Engineering College on 24/03/24.
- Presented a project on the topic "Drowning detection system" in Vision2.0. at Kongu Engineering College on 23/10/24.
- Presented a project on the topic "Drowning detection system" in Netrix'25at KPR College Of Science and Technology 14/02/25.

HACKATHONS PARTICIPATED

- Participated in SIH 2025 internal hackathon to develop an solution for ayurvedic medicine tracking.
- Participated in Google GDB Developers Hackathon to develop an deepfake detection system.
- Participated in IBM Gen AI X Hackathon to develop an AI-powered study application.
- Participated in Exodia'25 (30hr hackathon) to develop an turf booking application.

WORK EXPERIENCE

Freelance Developer :
Freelance MERN stack developer with experience delivering four full-stack web applications from concept to deployment. Skilled in end-to-end development, including responsive UI design, backend APIs, database integration, and deployment.

Implant Training at DMW CNC Solutions :
Completed a 6-day in-plant training at DMW CNC Solutions (18.07.24 – 23.07.24), gaining hands-on exposure to CNC milling, drilling, and turning operations on components such as engine beds, steering knuckles, and hydraulic lifts.

Online UI/UX Internship at Codesoft :
Completed an online UI/UX design internship at CodSoft, focusing on creating user-friendly, visually appealing interfaces using design principles and tools such as Figma.

MEMBERSHIPS

- Placement Coordinator of III MTS -A.
- Event Management Head at ISTE KEC.
- Joint-Treasurer at Srinivasa Ramanujan Mathematics Club.
- Mechatronics Department Coordinator at IEF KEC.

ADDITIONAL INFORMATION

- **Languages Known:** English, Tamil.
- **Certifications:** Oracle APEX Cloud Developer Certified Professional, Solidworks CAD Design Associate.
- **Awards:** Won in "Throb'24" and "Vision'24".
- **Hobbies:** Video Editing & Designing.

DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge.

Date: 27/12/2025
Place: Perundurai   **Kiruthick R**