

KARTHIKA J

| karthikajayakumar29@gmail.com | 8438830829 | [LinkedIn](#)

Education

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| Government College Of Technology , Btech in Information Technology | Nov 2021 – May 2025 |
| • CGPA:8.29 | |
| Amala Annai Matric Hr. Sec. School , HSC | May-2021 |
| • Score:94.8 | |
| Amala Annai Matric Hr. Sec. School , SSLC | May-2019 |
| • Score:96.4 | |

Experience

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| Intern , Siemens Pvt. Limited, Kalwa Works, Navi Mumbai | April 2024 – May 2024 |
| • ACM Failure Detection Module Project Link | |
| – Developed a mobile application to demonstrate and analyze the Axle Counter Module (ACM) model. | |
| – Implemented a failure detection feature that identifies and categorizes types of failures in the ACM system. | |
| – Enhanced system diagnostics by providing real-time failure analysis and detailed reporting. | |
| – Tech Stack: Flutter toolkit, Netlify | |
| • PDF Generation Project | |
| – Developed a system for automated PDF generation, improving document handling and efficiency. | |
| – Technology:HTML,CSS,Javascript,nodejs,puppeteer(library) | |

Skills

Programming Languages: C, Python, Java
Tools: VS Code, Figma, Eclipse, MySQL Workbench
Technologies and Frameworks: HTML, CSS, Bootstrap, Node.js, React.js
Soft Skills: Communication, Leadership, Time Management, Team Work

Projects

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| Perfume App Case Study Project Link | April 2023 – May 2023 |
| • Conducted user research and created wireframes for a perfume app, focusing on enhancing user engagement. | |
| • Designed high-fidelity prototypes using Figma, incorporating industry-standard design principles. | |
| Chat Room App Project Link | Jan 2024 – Feb 2024 |
| • Developed a real-time chat application with Google authentication, enabling users to securely join chat rooms and engage in dynamic conversations. | |
| • Designed and implemented an intuitive user interface featuring room selection, message input, and real-time updates, ensuring a seamless user experience. | |
| • Tech Stack : React.js, Bootstrap, Firebase, Netlify | |

Certifications

UI/UX Design Specialization: Google via Coursera,Issued March 2023
Programming in JAVA:IIT Kharagpur via Swayam Portal,Issued Oct 2023
Siemens Mechatronic Systems Certification Program-Assistant (level 1):German Certified

Achievements

Siemens Scholar(2021-2025): Siemens Scholarship Program based on German Dual Education System. Top 200 students across India are selected based on their performance in scholarship exam conducted by Siemens.