

KARTHIK P

Developer - Student

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SUMMARY

B.Sc. Information Technology student seeking a Developer position to leverage hands-on experience in web development, data analysis, and UI/UX design. Proficient in building responsive web applications using HTML, CSS, and React, with additional experience in real-time system development using C++ and sensor technologies. Committed to delivering efficient digital solutions and driving continuous improvement through innovation and technical proficiency.

EDUCATION

Bachelor of Information Technology Sri Ramakrishna College of Arts & Science.	2023 - pursuing
Higher Secondary Certificate (HSC) Venkatalakshimi.Matriculation.Higher.Secondary.School	2021 - 2023

EXPERIENCE & TRAINING

UI/UX Designing - Internship Gained experience at NTS Company by designing an E-Commerce app.	Net Tell Software Solutions
Python with Data Analysis - Internship Taught Libraries like matplotlib, Pandas for the Data Visualization.	Gateway Software Solutions
Full Stack Development - Workshop Gained experience of Front-End, Back-End Development, Git & GitHub, Postman.	Sri Ramakrishna college of Arts & Science

CERTIFICATION

Basics of Python Infosys Spring Board - 2023.
Web Development MachIT-2023.
Data Visualisation using Python Infosys Spring Board - 2025.
Explore Machine Learning using Python Infosys Spring Board - 2025.
Association Analysis using Python Infosys Spring Board - 2025.
Exploring Creative Design using Adobe Photoshop & Illustrator JD Educational & Training - 2023.

LANGUAGES

Tamil	Native	English	Intermediate
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TECHNICAL SKILLS

C/C++	HTML	CSS	Java Script	Microsoft Power BI	Firebase	Python	Vercel
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SOFT SKILLS

Time Management	Leadership	Adobe Photoshop	Adaptability	Adobe Illustrator	Collaborative
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PROJECTS

Portfolio

Designed and developed a responsive personal portfolio website using HTML, CSS, JavaScript, and React. Showcases my skills, projects, and achievements with a clean UI and smooth user experience.

Turbidity Sensor

Designed and developed a real-time water quality monitoring system using an Arduino with a turbidity sensor, programmed in C++. Enabled accurate detection of water turbidity levels, improving data accuracy by 70% and supporting IoT-based remote monitoring.

Digital Marketing Website

Designed and developed a responsive digital marketing website for Bricks using React, HTML, CSS, JavaScript, and Astro. Deployed on Vercel with a custom domain purchased through Hostinger. Improved brand presence, SEO, and lead generation.

J.A.R.V.I.S AI Personal Assistant

Developed a custom AI personal assistant for daily tasks using AI, Machine Learning, and Deep Learning algorithms. Integrated smart features like wake word detection, natural language processing, and personal task automation.

STRENGTHS

Soft - Skills

Strong skills in web design, data analysis, and development.

Technical - Skills

Proficient in technologies like HTML, CSS, and Python.

UI/UX design expertise

Proficient in creating engaging user experiences.

Web development skills

Skilled in building dynamic web applications.

KEY ACHIVEMENTS

Honors & Awards

- 1st Prize in Paper Presentation at SNMV Institution.
 - 2nd Prize In Web Designing at Nallamuthu Gounder Mahalingam College.
 - 1st Prize In Photography at Karpagam Academy of Higher Education.
 - 1st Prize In Connections at Karpagam Academy of Higher Education.
 - 1st prize In Maths Connections at SRCAS Institution.
 - 1st prize In Lexi Quest at SNMV Institution.
 - 1st prize In Quiz at Karpagam Academy of Higher Education.
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Conference

ICICT - Sri Ramakrishna College of Arts & Science

Title - Survey of Augmented Reality in Future.

International Conference - SNMV

Title - AI Powered Wildlife.

Hackathons

- Smart India Hackathon (SIH)** - Online testing and monitoring of quality of medicines and consumables.
 - CTCPR Hackathon** - Alumni Community Hub.
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DECLARATION

I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief.

SIGNATURE