

Sujith Kumar

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PROFESSIONAL SUMMARY

A practical and driven professional with a strong foundation in computer science and a passion for continuous learning. Experienced in teaching, tech integration, and web development, with a focus on real-world application. Passionate about digital security, design and automation, open-source collaboration and knowledge sharing.

EDUCATION

MCA	Ramaiah Institute of Technology (VTU) CGPA: 9.66	Dec 2024 – May 2026
B.Ed	Sri Kongadiyappa College (BNU) CGPA: 8.86	Aug 2018 – Nov 2020
B.Sc (PCM)	Sri Kongadiyappa College (BU) Percentage: 56.3%	Mar 2011 – May 2014

TECHNICAL SKILLS

Languages:	Java, Python, TypeScript, JavaScript, C, Bash
Web & Data:	React.js, Vue.js, Flask, Express, Next.js, Redux, MongoDB, SQL
Tools & Platforms:	GitHub, Node.js, Arduino, VS Code, IntelliJ, Obsidian, LaTeX, NumPy, Matplotlib

PROJECTS

Task/Note App React.js, Redux, Express.js, Node.js, MongoDB, Axios, Vite	June 2025 – Present
<ul style="list-style-type: none">Building a full-stack app with JWT-based authentication and Redux for state management.Frontend implemented using React, Redux Toolkit, Axios, and Vite with API integration.Designed a secure REST API backend with Express, MongoDB (Mongoose), bcrypt, and JWT.	
Sujith's Library Vue.js, TypeScript, Vite, VitePress, GitHub Actions, Node.js	May 2025 – Present
<ul style="list-style-type: none">Created and maintain Sujith's Library, an open-source documentation site with 600+ pages on programming concepts and examples.Built with Vue.js and TypeScript, deployed via GitHub Actions using Vite and VitePress.Collaborate with peers to enhance UI and expand content coverage.	
Note's Library Hugo, GitHub Pages, Node.js JavaScript, HTML, CSS	Nov 2024 – May 2025
<ul style="list-style-type: none">Developed and maintained Sujith's Library, a personal knowledge base on programming concepts, code examples.Built using Hugo framework and deployed on GitHub Pages, with a user-friendly catalog site for easy topic navigation.	

PUBLICATIONS & CASE STUDIES

- “Beyond Traditional Cryptography: An Adaptive Chaos-Based Encryption and AI-Driven Anomaly Detection Framework for Securing Real-Time Embedded Systems”, **2nd National Level Student Research Conference (SRC-2025)**, Dayananda Sagar College of Arts, Science & Commerce, 14th March 2025.
- “Coordinated Web Attacks: A Chained Threat Vector”, **Case Study Presentation**, MSRIT, Demonstrated a real-world, large-scale attack campaign involving obfuscated JavaScript injections, traffic distribution systems (HelloTDS), social engineering tactics, and malware loaders (PEAKLIGHT). 26th June 2025.
- “Cryptography Through Graph Structures: A Study of RSA and ECC”, **Case Study Presentation**, MSRIT, 12th February 2025.

WORKSHOPS & TRAININGS

IoT 4.0: Internet of Things in Industry, Healthcare and Smart Cities 18–20 April 2025

3 Day hands-on workshop Conducted by Dr. Manjunath M.

- Attended a hands-on workshop on IoT systems, automation, and smart robotics.
- Worked with Arduino, NodeMCU, and various sensors for IoT applications.
- Implemented internet-connected signaling and automation using sensor inputs and Python scripting.

The Threat Horizon: Navigating Evolving Data Security Landscape 18 March 2025

Cybersecurity Awareness Session by Moutan Sarkar

- Explored emerging cybersecurity threats and data protection strategies.
- Learned about modern encryption techniques, organizational security frameworks, and best practices.

EXPERIENCE

Administrative and Teaching Faculty

June 2014 – June 2023

Geethanjali Public School, Yelahanka

- Taught Science and Mathematics using interactive, student-centric methods, integrating digital tools to enhance engagement and learning outcomes.
- Led the transition to technology-enhanced education by implementing Google Workspace for Education, training staff, and setting up secure student accounts.
- Developed and maintained the school's website and digital presence, including content management across social media platforms.
- Designed and managed a digital fee-entry and student data system, significantly improving administrative accuracy and efficiency.
- Oversaw administrative operations—finance, admissions, inventory, and records—by optimizing workflows for scalability and long-term efficiency.
- Organized academic and extracurricular events, serving as liaison between staff, management, and stakeholders to ensure seamless coordination.

Sadhanapada Program Participant and Volunteer

June 2023 – March 2024

Sadhguru Gurukulam, Isha Foundation, Coimbatore

- Participated in an intensive 10-month advanced yoga training program focused on personal growth, discipline, and spiritual development.
- Volunteered in the coordination and execution of various events and programs, contributing to the smooth functioning of the ashram activities.
- Maintained strict discipline and adhered to daily practices while balancing the responsibilities of volunteering and training.
- Engaged in self-development practices that enhanced focus, mindfulness, and leadership abilities, which contributed to personal and professional growth.

ACHIEVEMENTS & EXTRA-CURRICULARS

Winner of **Technical Quiz** conducted by the MCA Coding Club, showcasing problem-solving and technical skills (*January 2025*).

Secured **40th State rank** in the PG CET exam conducted by KSEEB. (*August 2024*).

Awarded **Best Teacher** at the district level by the Karnataka State School and Colleges Administration Committee for outstanding contributions to education and student engagement (*October 2022*).

Qualified the **Teacher Eligibility Test (TET)** with a qualification rate of 1 in 100. (*November 2022*).

Hobbies: Teaching, Hiking, Long Distance Running, Cycling, Power Lifting, Dancing, Reading, Sketching,