

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
PUC (PCMB)	Sri Kongadiyappa College (KSEEB) Percentage: 51.0%	Aug 2009 – Mar 2011
SSLC	M.A.B.L. High School (KSEEB) Percentage: 78.1%	Mar 2009

TECHNICAL SKILLS

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

PROJECTS

- Sujith's Library** | *Vue.js, TypeScript, Vite, Vitepress, GitHub Actions, Node.js* May 2024 – Present
- Developed and maintain **Sujith's Library**, a Notes/Documentation Site with 600+ pages on programming concepts, code examples, and key summary.
 - Developed using Vue.js framework with TypeScript and deployed using GitHub Action.
 - Open-source initiative with active contributions from peers, focusing on UI improvements and expanding educational material.
- Note's Library** | *Hugo, Vite, GitHub Pages, Node.js JavaScript, HTML, CSS* Nov 2024 – May 2024
- Developed and maintain **Sujith's Library**, a personal knowledge base on programming concepts, code examples, and key takeaways.
 - Built using Hugo framework and deployed on GitHub Pages, with a user-friendly catalog site for easy topic navigation.
 - Continually expanding and updating content, with plans for a Vue.js frontend and backend support for greater scalability.

PUBLICATIONS

"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.

"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.

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,

EXPERIENCE

Administrative and Teaching Faculty

June 2014 – June 2023

Geethanjali Public School, Yelahanka

- Taught Science and Mathematics using interactive, child-centric learning methods and integrated digital tools to boost engagement.
- Led transition to technology-enhanced education, training staff to implement digital platforms.
- Developed and maintained the school's website and managed its digital presence across social media.
- Implemented and managed Google Workspace for Education, setting up secure student accounts and streamlining digital access to study materials.
- Designed and optimized a digital fee-entry and student data management system, improving administrative efficiency and accuracy.
- Oversaw and Managed school-wide administrative operations—including finance, admissions, records, and inventory—using streamlined digital processes.
- Developed and optimized operational workflows for scalability and long-term institutional efficiency.
- Organized, Coordinated academic and extracurricular events, applying project management skills.
- Served as the primary liaison between staff, management, and external stakeholders to streamline communication and ensure smooth operations.

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.