

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) <i>CGPA: 9.66</i>	<i>Dec 2024 – May 2026</i>
B.Ed	Sri Kongadiyappa College (BNU) <i>CGPA: 8.86</i>	<i>Aug 2018 – Nov 2020</i>
B.Sc (PCM)	Sri Kongadiyappa College (BU) <i>Percentage: 56.3%</i>	<i>Mar 2011 – May 2014</i>
PUC (PCMB)	Sri Kongadiyappa College (KSEEB) <i>Percentage: 51.0%</i>	<i>Aug 2009 – Mar 2011</i>
SSLC	M.A.B.L. High School (KSEEB) <i>Percentage: 78.1%</i>	<i>Mar 2009</i>

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
- Building a full-stack Task and Note-taking application featuring user authentication with JWT and state management via Redux.
 - Implemented the frontend using React.js, Redux Toolkit, Axios, and Vite for optimized development and API integration.
 - Designed and developed a secure REST API backend with Express.js, MongoDB (via Mongoose), bcrypt for password hashing, and JSON Web Tokens for authentication.
- Sujith's Library** | *Vue.js, TypeScript, Vite, Vitepress, GitHub Actions, Node.js* May 2025 – 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, GitHub Pages, Node.js JavaScript, HTML, CSS* Nov 2024 – May 2025
- 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

“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.*

“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.

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,