

Geo George

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PROFESSIONAL SUMMARY

Software Engineer, Full-Stack Developer, IoT Developer, and Open Source Coordinator with experience building scalable web applications, REST APIs, database-driven systems, real-time dashboards, and IoT-enabled solutions. Skilled in React.js, Next.js, Node.js, Express.js, MongoDB, Firebase, Python, cloud platforms, and Git-based collaboration.

EDUCATION

Amal Jyothi College of Engineering Autonomous
Integrated MCA – APJ Abdul Kalam Technological University

Kanjirappally, Kerala
Expected May 2027

EXPERIENCE

MERN Stack Intern

June 2026

Amigosia Private Limited

Remote

- Developed responsive full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Designed RESTful APIs and integrated frontend components with backend services for scalable application development.
- Used Git-based version control and followed Agile software development practices throughout the project lifecycle.
- Applied debugging, database design, and modern web development best practices while building production-ready applications.

Web Development Intern

June 2025 – July 2025

VaultofCodes.in

Remote

- Developed responsive web pages using HTML, CSS, JavaScript, and PHP across client-oriented projects.
- Built GearEquip, a machinery rental platform for listing, discovering, and renting equipment online.
- Improved UI consistency, responsiveness, and performance across multiple device sizes.
- Collaborated in a real-world development environment while applying coding, debugging, and teamwork skills.

Open Source Contributor – Hacktoberfest

October 2024

μLearn, WikiSyllabus Challenge, TechMyrmidons

Remote

- Contributed to syllabus-based repositories and community-driven open-source documentation projects.
- Used Git and GitHub for collaborative development, pull request workflows, and repository maintenance.
- Enhanced documentation structure, accessibility, and content quality for community learning platforms.

PROJECTS

Nexus SMS – Institution Management System | *React.js, Vite, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Cloudinary* GitHub

- Designed and developed a full-stack institution management system for academic, administrative, and financial workflows.
- Implemented JWT authentication and Role-Based Access Control for administrators, teachers, students, and parents.
- Built modules for admissions, attendance, academics, fees, student records, learning resources, and communication.
- Developed scalable REST APIs with MongoDB and integrated Cloudinary for secure file and media management.

Guardian Assist – IoT Smart Blind Stick | *ESP32, Arduino, Firebase, React.js, Ultrasonic Sensor, MPU6050, GPS* Project

- Built an IoT-enabled assistive mobility system for obstacle detection, fall detection, and emergency alerting.
- Integrated ultrasonic sensors, MPU6050 motion sensing, LDR light detection, buzzer, vibration motor, and SOS workflow.
- Developed a React.js and Firebase dashboard for real-time guardian monitoring, telemetry, and device status tracking.

GearEquip – Machinery Rental Platform | *React.js, Node.js, Express.js, MongoDB, Cloudinary, Razorpay* Project

- Built a full-stack machinery rental platform with equipment listings, search, booking workflows, and media storage.
- Implemented role-based dashboards for administrators, providers, and customers with rental management features.
- Integrated secure payment workflow using Razorpay and media upload support using Cloudinary.

PDF Editor – Browser-Based PDF Application | *React.js, JavaScript, Web APIs, Vercel*

GitHub | Live

- Developed a browser-based PDF editing application focused on accessible and efficient document workflows.
- Designed responsive user interfaces and deployed the application using Vercel.

DocVault – Digital Document Management Platform | *React.js, JavaScript, Netlify*

Live

- Built a web-based document management platform for structured document access and streamlined digital workflows.
- Focused on usability, responsive design, and clean frontend implementation.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, C++, PHP, SQL, HTML5, CSS3

Frontend: React.js, Next.js, Vite, Tailwind CSS, Responsive Web Design

Backend: Node.js, Express.js, Flask, REST APIs, JWT Authentication, RBAC

Databases: MongoDB, Firebase Firestore, Firebase Realtime Database, MySQL

IoT: ESP32, Arduino, NodeMCU, Sensors, Real-Time Telemetry, Embedded Systems

Cloud and DevOps: Firebase, AWS, Google Cloud, Oracle Cloud Infrastructure, Cloudinary, Docker, GitHub Actions, Vercel, Netlify

Tools: Git, GitHub, Postman, VS Code, Figma, Linux

CERTIFICATIONS

Google Cybersecurity Professional Certificate

Jan 2026

Google and Coursera

Online

- Completed professional training covering cybersecurity fundamentals, Linux, SQL, Python, SIEM tools, IDS, network security, and threat analysis.
- Developed practical knowledge in risk management, vulnerability assessment, incident response, and security operations.

Oracle Cloud Infrastructure 2025 Certified Developer Professional

2025

Oracle

Online

- Validated knowledge in designing, building, and deploying cloud-native applications on Oracle Cloud Infrastructure.