

# Logeshwaran K

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GitHub: <https://github.com/K-logeshwaran/>

Portfolio: <https://k-logeshwaran.github.io/logeshwarank.github.io/>

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## SUMMARY

Results-driven and adaptable Full Stack Web Developer with hands-on experience in modern web technologies and enterprise-level application development. Proficient in JavaScript/Node.js, Python, C/C++, Go, and TypeScript with demonstrated ability to build scalable, user-centric web applications from concept to deployment. Demonstrates strong understanding of full-stack development principles, database management, API design, and responsive frontend frameworks including React and Next.js. Experienced in collaborative development environments, stakeholder engagement, and delivering high-quality software solutions for institutional clients. Adept at problem-solving, rapid learning of new technologies, and maintaining excellent code quality while meeting project deadlines. Collaborative, proactive, and passionate about building robust financial technology solutions that drive business value in fast-paced enterprise environments.

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## TECHNICAL SKILLS

- **Programming:** JavaScript/Node.js, Python, C/C++, Go, TypeScript; OOP & functional programming
- **Frontend:** React.js, Next.js, HTML/CSS, responsive design, modern UI libraries
- **Backend:** Node.js, Express.js, REST APIs, database integration, authentication systems
- **Database:** MongoDB, JSON-based storage, database design and optimization
- **Development:** Git version control, collaborative workflows, testing methodologies, debugging
- **Tools:** Cloud deployment, CLI scripting, cross-platform development, performance optimization

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## PROJECTS

### BHC Physical Education Department Portal Co-developed and launched a web portal for the Physical Education Department, Bishop Heber College

- Led backend design: APIs, data storage, authentication, and event registration.
- Built interactive frontend UI and animations.
- Enabled online sports event registration and streamlined department operations.
- Collaborated on requirements, design, testing, and deployment.
- Enhanced access to departmental info for faculty and students.

### Vcare.ai – Full-stack Web App

- Built a CFO portal and employee management system using React, Node.js, and MongoDB
- Implemented authentication, role-based access control, and dashboards—highlighting secure IT operations and user management

### ToyDB – Lightweight JSON Database

- Created a custom-file-based database and CLI tool with Go
- Experience with system-level troubleshooting and deployment

### **Task Manager – React App**

- Developed a task management tool with CRUD, responsive design, and local storage
- Demonstrated ability to resolve user issues and improve usability

### **YouTube Bot – Automation Tool**

- Built a Python-based API integration bot to fetch and automate content creation
- Automated repetitive tasks, showcasing scripting and workflow optimization

### **Blog App – Personal Project**

- Developed a Next.js blog with markdown, SEO integration, and responsive UI
- Attention to performance, stability, and user support

### **Virtual Assistant for IUEA – Team Project**

- Led team to develop a ticketing chatbot for university IT support
- Managed backend (Node.js, Express, MongoDB, EJS); enhanced user interaction and troubleshooting procedures

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## **ACHIEVEMENTS**

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1. **Best Outgoing Project – Awarded by UG Dept. of Computer Applications (BHC) for excellence in my final year project**
2. **Treasurer, BCA Association (Bishop Heber College) Jul 2024 – Mar 2025:**
  - Managed finances and coordinated 40+ academic/tech events (including a national symposium & international conference)
  - Active member of the Institution’s Innovation Council (IIC)

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## **SOFT SKILLS**

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- Leadership: Led project teams and coordinated events
- Teamwork: Collaborated with peers on technical and organizational projects
- Effective Communication: Managed customer queries and support scenarios
- Problem Solving: Quickly identified and resolved technical and operational issues

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## **EDUCATION**

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**Bishop Heber College** | *Bachelor of Computer Application*

**Trichy, TN**

- Bachelor of computer Application (BCA)
- Cumulative **GPA: 7.2/10**
- Completed: 2025

**Lakshmi Matriculation Higher Secondary School**

**Trichy, TN**

- **HSC** (Class XII) – 88%
- **SSLC** (Class X) – 88.2%