# Surya T

surya2003thangavel@gmail.com | +91-86603-58931 | Bangalore, India | LinkedIn
GitHub | Portfolio

## Objective

Seeking a position to apply expertise in Full Stack Development (Java, Spring Boot, React, MERN) and AI/ML technologies to build innovative, scalable solutions that positively impact business and users.

## Skills and Interests

- **Programming Languages:** Java, C++, C, Python
- **Full Stack Technologies:** HTML, CSS, JavaScript, Bootstrap, React, Spring Boot, Flask, Express.js, Node.js
- **Core Subjects:** Object-Oriented Programming (OOP), DBMS, Computer Networks (CN), Data Structures and Algorithms (DSA)
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Tools:** Docker, Postman
- **Soft Skills:** Problem-solving, Critical thinking, Data-driven decision making
- **Technical Practice:** Solved 150+ DSA problems each on LeetCode and GeeksforGeeks; active in Competitive Programming

## Education

**Global Academy of Technology** Dec 2021 – June 2025
B.E. in Information Science and Engineering CGPA: 8.91

## Experience

**Full Stack Developer Intern, EY GDS – Next Gen Internship** Feb 2024 – Mar 2025
Remote

- Built and deployed scalable full-stack applications using the MERN stack.
- Developed RESTful APIs, implemented secure authentication, and optimized MongoDB queries.
- Participated in agile sprints and collaborated with cross-functional teams.

**Full Stack Developer Intern, Unified Mentor** Oct 2024 – Nov 2024
Remote

- Developed and maintained full-stack web applications using the MERN stack.
- Designed frontend components with React and styled using Bootstrap and CSS.
- Integrated backend APIs with Node.js and Express, ensuring performance and scalability.

**Java Full Stack Developer Intern, Vaishnav Technologies** Aug 2024 – Oct 2024
Remote

- Created responsive web applications using React for frontend and Spring Boot for backend.
- Integrated MySQL databases for data persistence and implemented CRUD operations.
- Wrote RESTful services and ensured proper testing and deployment.

## Projects

**AI-Powered Healthcare Diagnostics System**
*TensorFlow, CNN, ResNet50*

- Developed a deep learning model to detect diseases such as brain tumors, lung cancer, and kidney stones.
- Leveraged ResNet50 and custom CNN architectures for high-accuracy classification.

**Java Full Stack E-commerce Platform**
*Spring Boot, React, Razorpay*

- Built a full-featured e-commerce website with Spring Boot backend and React frontend.
- Integrated Razorpay for payments, user login, and order management.

**MERN Online Auction System**
*MongoDB, Express, React, Node.js*

- Implemented a live bidding platform using the MERN stack.
- Included features such as real-time updates, authentication, product management, and payment integration.

**Cybersecurity Network Traffic Analyzer**
*Python, Scikit-learn, IDS Datasets*

- Designed and implemented a network traffic analyzer to classify traffic as normal or malicious.
- Applied machine learning techniques on intrusion detection datasets for real-time threat detection and enhanced network security.

## Certifications

- Learn JAVA Programming – Beginner to Master (Udemy), Instructor: Abdul Bari, 61.5 hours **View Certificate**
- Blockchain Theory and Applications I – Coursera, POSTECH (Pohang University of Science and Technology) **View Certificate**
- ReactJS (Value Added Program)
- Python Achievement Certificate (Infosys Springboard)
- Cyber Security and Applied Ethical Hacking (Infosys Springboard)
- Participated in **International Conference on Emerging Trends in Computing and Engineering Systems (ICETCES 2025)**, Jeppiaar Institute of Technology, ISBN: 978-81-963764-8-2, held on 09.05.2025 and 10.05.2025

## Hackathons

- Webathon 2024: Inter-college web development competition organized by IEEE Computer Society, Bangalore Section.
- Hack-A-League 3.0 (Feb 2025): 24-hour national hackathon hosted by the CSE Department, focused on building full-stack applications.

## Paper Publications

- **Multiple Disease Detection and Treatment Recommendation System**: Co-authored with Meghana C Reddy, Surya T, Nidhi H S, and Yashaswini M under the guidance of A S Vinay Raj. Presented at the National Conference on Emerging Trends in Engineering and Technology (NCETET 2025), Global Academy of Technology, Bengaluru. Focuses on using ResNet50-based CNNs for detecting pneumonia, brain tumors, and kidney stones via a unified web application.