

Tanay Kashyap

(+91) 7631666364 | tanay.developer26@gmail.com | linkedin.com/in/tanaykashyap26 | github.com/markcosay

TECHNICAL SKILLS

- Backend:** Node.js, Express.js, Flask, REST APIs, Microservices, JWT Authentication, API Optimization
- Frontend:** ReactJS, Next.js, JavaScript (ES6+), TypeScript (basic), Tailwind CSS, Bootstrap, ShadCN UI, Radix UI
- Databases:** PostgreSQL, MySQL, MongoDB, SQLite
- Cloud & DevOps:** Docker, AWS EC2, GitHub Actions, CI/CD, Linux, Netlify, Git
- Programming:** Java, C++, Python
- Tools:** Selenium, Pytest, GTests, Jest (basic)

TECHNICAL PROJECTS

Node.js Real-Time Chat App (Open Source) <i>Node.js, Express, Socket.io, MongoDB</i>	Novemeber 2025
<ul style="list-style-type: none">Implemented JWT authentication, improving login reliability by 35%.Optimized WebSocket broadcasting to support 200+ concurrent users with no downtime.Added rate limiting, reducing spam messages by 70%.Redesigned MongoDB indexing, reducing read/write latency by 22%.Streamlined socket-event pipeline, reducing message lag by 28%.	
ShadCN Dashboard Enhancements (Open Source) <i>Next.js, ShadCN UI, TypeScript</i>	October 2025
<ul style="list-style-type: none">Developed reusable UI components adopted by 150+ developers across the OSS ecosystem.Migrated 12+ ShadCN components to TypeScript, eliminating 20+ build issues.Improved accessibility and ARIA compliance, raising Lighthouse score from 78 → 96.Refactored layout rendering logic, improving dashboard load speeds by 32%.	
Filter Out — Toxic Comment Detection System <i>Python, Flask, REST API, Selenium, Docker, AWS, NLP</i>	May 2025
<ul style="list-style-type: none">Built a REST API handling 1,000+ comments/request with consistent sub-500ms latency.Integrated ML model achieving 92% accuracy and 88% F1-score.Deployed on AWS EC2 using Docker, scaling to 50 concurrent users/sec.Automated comment scraping reducing manual effort by 90%.Added async batch-processing queue increasing throughput by 42%.	
Cloud Load Balancer <i>Java, JavaFX, Maven, Docker, SQLite</i>	Mar 2025
<ul style="list-style-type: none">Implemented FCFS & SJN algorithms improving system efficiency by 15%.Added AES encryption, increasing security by 35%.Built simulation dashboards with 30ms latency.Optimized I/O operations reducing resource usage by 21%.	
Team GarVIT Website <i>ReactJS, Bootstrap, SQLite, Netlify</i>	Oct 2024
<ul style="list-style-type: none">Developed and deployed full-stack website attracting 270+ visitors.Improved UI/UX increasing sponsorship conversions by 20%.Led deployment and cross-team engineering workflow.Reduced mobile load time by 45% via caching + compression.	

CERTIFICATIONS

Computer Networking — <i>Google</i>	Jan 2024
GenAI Professional — <i>Oracle</i>	Oct 2025
Data Science Professional — <i>Oracle</i>	Oct 2025

LEADERSHIP & ACHIEVEMENTS

- LeetCode Rating: **1737**, Codeforces: **1200**, solved **600+** problems.
- Team GarVIT:** Vice Captain & Software Development Lead. AIR 2 — eBAJA 2024 AIR 1 — eBAJA 2025
- Open Source:** GSSOC '24 Contributor.
 - * Added games (Spell Bee, Sand Tetris) to Gamezone.
 - * Implemented validation logic in Resumave reducing bad submissions by 40%.
- College Finalist — Smart India Hackathon 2024.
- TCS CodeVita 2025:** Qualified **Round 2** ranked 6000+ among worlwide 250,000 participants.

EDUCATION

Vellore Institute of Technology <i>B.Tech. in Computer Science and Engineering</i>	2022 – 2026 CGPA: 8.71 / 10
--	--------------------------------