Aditya Vijay Tomar

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SUMMARY

Full-Stack Developer proficient in React.js, Vue.js, and Node.js/Express.js; built FilmFusion (1,000 users, 67% faster APIs) and EcoVolt (50 stations, role based access). Skilled in PostgreSQL optimization, Redis caching and Docker deployments on Netlify/Railway for 99.9% uptime. Ranked in the top 5% globally on HackerRank with 200+ DSA challenges solved across HackerRank and LeetCode; experienced in JWT/Google OAuth2, Tailwind CSS, Framer Motion.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, C++
- **Frontend:** React.js, Vue.js, HTML5, CSS3, Bootstrap 5, Tailwind CSS
- **Backend:** Node.js/Express.js, REST APIs, PostgreSQL
- **Authentication & Security:** JWT, Google Auth, bcrypt, HTTP-only cookies, CORS configuration
- **Deployment & Tools:** Netlify, Vercel, Render, Docker, Git, GitHub, Postman, Bash/CLI
- **Libraries & Concepts:** Socket.IO, React Query, DSA, OOP, DBMS, Computer Networks

PROJECTS

FilmFusion- Multi-Category Movie Discovery Platform | https://filmfusion-live.netlify.app/ (Apr 2025)

- Developed a full-stack movie discovery platform using React 19, TypeScript, Node.js, Express.js, and PostgreSQL across categories such as Bollywood, Hollywood, K-dramas & Anime.
- Configured & integrated authentication using JWT and Google OAuth2, managing sessions via HTTP-only cookies; utilized Redis caching to reduce API response times by 67% (600 ms ➔ 200 ms).
- Architected a responsive UI in Tailwind CSS with Framer Motion animations, leveraging React Context API, useCallback, useMemo, and skeleton loaders— achieved Lighthouse performance score: 92%.

EcoVolt- EV Charging Station Locator | https://ecovolt-nu.vercel.app/ (Feb 2025)

- Built full-stack EV charging station management system with Vue.js 3, Node.js, Express.js, and PostgreSQL, handling 500+ stations and role-based access.
- Enforced JWT authentication with bcrypt and integrated Leaflet.js & OpenStreetMap with custom markers, real-time filtering, and status-based color coding, improving lookup efficiency by 40%.
- Designed a responsive Tailwind CSS UI with dark/light toggle, micro-interactions, and a dashboard for station approvals, earning 95% positive feedback in alpha testing.

Campus Connect- Networking Platform | https://github.com/Aaditya7171/LNCT-Connect (Dec 2024)

- Engineered student networking platform using React, TypeScript, Node.js, and PostgreSQL with real-time messaging (Socket.IO) and user profiles.
- Implemented JWT authentication, optimized schema for 1K+ users, and used Context API and React Query for efficient state handling.
- Styled a responsive UI using Tailwind CSS and Shadcn UI; achieved 95% test coverage with unit and integration tests, and reduced API latency by 30% through optimized PostgreSQL queries.

EDUCATION

- Bachelor of Technology in Computer Science Engineering | 2021 - 2025
  Lakshmi Narain College of Technology and Science, Indore, Madhya Pradesh | *CGPA:* 7.62/10
- Senior Secondary (12th Grade) | 2020 - 2021
  Government CSA Higher Secondary School, Argat, Satna, Madhya Pradesh | *Percentage:* 88.8% | MP Board

LEADERSHIP & ACHIEVEMENTS

- Secured 1st Position in internal Smart India Hackathon – Led 6-member team.
- Earned a 5-star Proficiency badge in Data Structures & Algorithms on HackerRank (Top 5% globally).
- Mentored peers in DSA strategies, improving their contest rankings by 30%.
- Won poster-making competition held in college and crafted 25+ event graphics.

CERTIFICATIONS

- Full-Stack Development Bootcamp - Udemy: https://bit.ly/3FsNs1Z
- JavaScript (Intermediate) - HackerRank: https://bit.ly/44XjnlA
- Software Engineer Intern - HackerRank: https://bit.ly/3Fe40L8
- CSS (Intermediate) - HackerRank: https://bit.ly/3HgZuft