

Thilak Singh Thakur

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EDUCATION

Masai School

Full Stack Web Development

July. 2022 – Dec. 2023

Remote

- Completed 6-day/week intensive coding bootcamp with **remote** collaboration via **Slack, Zoom, and Google Meet**.
- Self-disciplined to Complete 2160+ hours of hands-on coding in MERN Stack and skilled in genAI.
- Solved 300+ DSA problems as well as earned Gold badge on HackerRank and built 100 + Github repos.

Chanakya IAS Academy

UPSC preparation

June. 2016 – Jan. 2022

Delhi

Geethanjali College of Engineering and Technology

Bachelor of Technology, Electronics and Communications

Sept. 2011 – May. 2016

Hyderabad, Telangana

WORK EXPERIENCE

Elcom Digital

Software Development Associate Intern

Sept. 2024 – Dec. 2024

Noida, Uttar Pradesh

- Improved** AI-powered Finance Assistant response accuracy from **60% to 80%** using SQL agents provided by **open-source frameworks** like LangChain, and also built **RAG**.
- Developed front-end interface** and **backend APIs** for a web app with features like **user authentication**.
- Achieved 50% cost reduction** in AI operations by strategically routing different queries to appropriate **LLMs**.
- Designed and implemented a queue-based workflow system** to manage **asynchronous LLM responses**
 - Stack:** React, JavaScript, Node, Python, MySQL, AWS, Claude (Anthropic), Open-source tools.

Begalileo Carveniche

Associate developer trainee

Feb. 2024 – April. 2024

Bangalore, Karnataka

- Resolved a complex React Native UI bug by debugging Redux state and backend APIs within a day.
- Responsible for debugging, building backend APIs as well as building pixel-perfect Figma-to-UI implementation.
 - Stack:** React, React Native, JavaScript, Node.js, Express.js, MongoDB.

PROJECTS

Foodies Paradise | |

- A Responsive E-commerce Grocery Platform built in React, JavaScript, Node.js with Redux and Express, using Chakra UI, Material UI, AWS S3, and CI/CD pipeline
- Led a team of 4; Developed product and cart pages functionalities and designed RESTful APIs
- Optimized performance** with code-splitting, memoization, and lazy loading
- Dockerized app and deployed via **AWS S3 + CloudFront**; set up **CI/CD pipeline** for seamless updates
- Led daily **virtual team meeting** via Zoom, ensuring goal alignment.
- Resolved **team conflict** through **effective communication**, fostering a collaborative environment and team productivity.

Code Converter | |

- A **Generative AI** project built in React and Node.js, using Express.js, RESTful APIs, **OpenAI API**, and Docker.
- Designed features for **code conversion, analysis, and debugging** across multiple languages.

Superstar Investors Tracker | | |

- Built a **Chrome Extension** using **JavaScript, HTML, and CSS** that allows users to compare top Investors portfolios.
- Deployed a website with a **custom domain** using **AWS Route 53**, and integrated a **payment gateway**.
- Simplified identifying common stocks, **reducing manual effort by 5 hrs**, increased efficiency tracking multiple portfolios.

CERTIFICATIONS, SKILLS & INTERESTS

- Certifications:** [Certified Full Stack Developer](#)
- Technologies:** HTML5 and CSS3; JavaScript ES6; React.js; Typescript; Redux; Tailwind CSS; Node.js; Express.js; RESTful APIs; MongoDB; Docker; AWS (S3, CloudFront, Lambda, Route 53); CI/CD; Git; Python (Basic); OOPs
- Interests :** Dance; Ayurveda Yoga; Psychotherapy; Reading Self-Help Books; Meditation; Investing