Thilak Singh Thakur

Full Stack Developer

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TECHNICAL SKILLS

- **Frontend Development**: **React; Next.js; Redux; Typescript; Tailwind**; HTML5; CSS3; JavaScript ES6,Chakra UI
- **Backend Development**:**Node.js**; Express**; RESTful API; OOPs,Performance-Testing
- **Database**: MongoDB **(Aggregations), SQL, PostgreSql (Advanced)**
- **DevOps / Tools**: Docker, CI/CD, Git,Github
- **Cloud & Services**: **AWS** (S3; CloudFront; Lambda; Route 53; CI/CD; IAM)
- **Familiar With**: Python; MySQL, Generative AI, LangChain, **RAG**; OpenAI API, Claude (Anthropic),React Native

PROJECTS

Foodies Paradise | ⏻ | ⊕

- **A Responsive E-commerce Grocery Platform** built in React, Node.js with Redux and Express, Chakra UI, Material UI.
- **Led a team** of 4; **Developed product page, cart page 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
- **Resolved team conflict** through **effective communication**, fostering a collaborative environment and team productivity

Superstar Investors Tracker | ⏻ | ⊕ | 🌐

- Built **Chrome extension** using JS, HTML, and CSS; simplified **identifying common stocks** across **top portfolios**.
- Deployed companion website with a **custom domain using AWS Route 53**; **integrated payment gateway**
- Simplified identifying common stocks, **reducing manual effort by 5 hrs**, increased efficiency tracking multiple portfolios.

WORK EXPERIENCE

Elcom Digital	**Sep. 2024 - Dec. 2024**
Software Development Associate Intern	*Noida, Uttar Pradesh*

- **Built REST APIs** following **best security practices**, **reduced API response time by ~25%** via **backend optimization**.
- **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.**
- **Built MongoDB aggregation pipelines** leading to a **20% drop in query execution time.**
- **Improved app speed by over 40%**, optimizing **image handling**, **lazy loading**, and **reducing unnecessary re-renders**.
  - **Stack:** React**,** JavaScript, Node, Python, MySQL, AWS, Claude (Anthropic),Open-source tools**.**

Begalileo Carveniche	**Feb. 2024 - Apr. 2024**
Associate Developer Trainee	*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.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Certified Full Stack Developer, Certified SQL & PostgreSql
- **Interests**: Dance; Ayurveda Yoga; Psychotherapy; Reading Self-Help Books; Meditation; Investing

EDUCATION

Masai School	**Jul. 2022 – Dec. 2023**
Full Stack Web Development	*Bangalore,Karnataka*

- 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**.

Geethanjali College of Engineering and Technology	**Sept. 2011 – May. 2016**
Bachelor of Technology, Electronics and Communications	*Hyderabad, Telangana*