Thilak Singh Thakur

Full Stack Developer

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Adaptable and results-driven Full Stack Developer with 2 years of experience building **100+ scalable MERN stack projects**. Proficient in **JavaScript, React.js, Node.js, Express.js, and MongoDB,** with a strong focus on creating robust web applications. Skilled in leveraging **generative AI** tools and **AWS services** to enhance productivity and deployment efficiency. Demonstrated problem-solving abilities with **300+ DSA problems solved** and earned **Gold badge on HackerRank**.

TECHNICAL SKILLS

- **Frontend Development**: React; Redux; Typescript; Tailwind; HTML5; CSS3; JavaScript ES6,Chakra UI
- **Backend Development**:Node.js; Express**;** RESTful API; OOPs
- **Database**: MongoDB
- **DevOps / Tools**: Docker, CI/CD, Git
- **Cloud & Services**: **AWS** (S3; CloudFront; Lambda; Route 53; CI/CD; IAM)
- **Familiar With**: Generative AI, OpenAI API

WORK EXPERIENCE

Brillquest technologies   **May. 2023 – Present**
Junior Software Developer   *Bangalore, Karnataka*

- **Architected and developed** a **scalable cloud-based**, **fully responsive application** with a team, accurately translating **Figma designs** into **seamless cross-device experiences**..
- **Built reusable components**, **custom Hooks**, and **dynamic product listing pages** with **filtering functionalities**.
- **Implemented cart management** and **sorting** using **React Router** and **Redux Toolkit**.
- **Implemented secure login functionality** with **password hashing** using **bcrypt** and **token-based session management** using **JWT**, ensuring **protected access** to authenticated user routes.
- **Reduced page load times** by over **40%** through **optimized images** and **frontend performance tuning**.
- **Spearheaded database architecture optimization**, resulting in a **20% reduction in query execution time**.
  - **Stack:** Tailwind css**,** React**,**Redux**,** JavaScript, Node.js,Express.js,Mongodb**.**

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

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.

ACHIEVEMENTS , SKILLS & INTERESTS

- **Achievements**:Built a **Chrome extension** to track common stocks across top portfolios, reducing manual effort by 5 hrs.
- **Soft skills**:Problem-Solving,Critical Thinking, Proactive, Conflict Resolution,Team work.
- **Interests**: Dance; Ayurveda Yoga; Psychotherapy; Reading Self-Help Books; Meditation; Investing

EDUCATION

Chanakya IAS Academy   **Jun. 2016 – Sept. 2022**
UPSC preparation   *Delhi*

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