Sai Sathwik Matcha

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Summary

Frontend developer with over two years of professional background, handling large-scale web projects used by thousands of daily active customers using Angular and React in Agile work settings. Proven ability to build platforms while maintaining high standards for code efficiency and quality.

Education

Northeastern University, Boston, MA   Expected May 2025
Master of Science in Information Systems
Relevant Coursework: Application Engineering Development

Indian Institute of Technology Bombay, Mumbai, India   Aug 2021
Bachelor of Technology in Civil Engineering

Skills

Programming Languages: Javascript, Typescript, Java, Python, R, C++
Web Technologies: Angular, React TS, Node.js, Express.js, Responsive Design, Progressive Web Apps (PWA)
Database: MySQL, Microsoft SQL Server
Frameworks/ Libraries: Swing, .NET MVC, Lucene, Tailwind CSS, Chart JS, React-ag-grid, Angular Material
Version Control: Azure DevOps, Git, GitHub

Work Experience

Software Developer
5Paisa Capital Limited – Mumbai, India   June 2021-July 2023

Derivatives Platform (fno.5paisa.com)

- Implemented and managed several web sockets using React Hooks to present real-time data for trading clients on the company's market-leading derivatives platform, used by more than **1500** daily active users and more than **50,000** monthly active users.
- Developed and maintained more than **5** interactive charts ranging from bar charts to graphs on the platform using Chart JS library and debouncing concepts in Javascript.
- Created charts in the feature pages have been loaded with second-by-second API Calls using **useRef** hooks.

Project SPOT 5Paisa (Google Pay)

- Created angular front-end components with routing for the 5Paisa App's web mobile version, resulting in **a 30 second decrease** in load time and **20% improvement** in user onboarding.

Academic and Personal Projects

Linkstacker | Smart Platform to store and share blog posts effectively through AI.   Sep 2023 – Oct 2023

- Developed 'Linkstacker,' a multi-platform application with over 10,000 users, facilitating efficient saving, categorization, and sharing of events and notes through hyperlinks on web, desktop, and mobile.

Information Retrieval System | IIT Kharagpur   May 2018 - June 2018

- Demonstrated a Pylucene-based information retrieval system for 3D models and photos on an academic project.
- Modelled text-tagging for more than **1000** images to create a dataset of images and 3D models. Users can search for images or 3D models, based on the description of the text, dominant colors of the image or 3D model involved.