A.Muthupandi

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Summary

Eager and innovative Junior Software Developer with 2.3 years of relevant IT experience and a robust technical foundation in React.js, Node.js, AWS, and other advanced web technologies. Currently contributing to Zsoft Consultancy Services Pvt Ltd, where I have played a pivotal role in enhancing user experience for an online dictionary application. Known for my attention to UI/UX design and collaborative skills, I have a proven track record of delivering high-quality projects on time. My experience includes leading small teams, optimizing code for improved performance, and creating visually appealing and functional web components. Total Experience: 5.8 Years | Relevant IT Experience: 2.3 Years

Technical Skills

- Frontend: React.js, HTML, CSS, Tailwind, Ant Design
- Backend: Node.js, Express.js
- Database: SQL, MongoDB
- Cloud: AWS(S3, EC2)
- Version Control: Git, GitLab
- UI Libraries & Tools: FontAwesome, ReactIcons, Zustand, ApiContext, Redux

Experience

- **Zsoft Consultancy Services Pvt Ltd**   December-2022 - March-2025
  Junior Software Developer
  - Developed Front-End Components: Focused on UI/UX enhancement, API integration, and REST methods for online platforms.
  - Optimized API Performance: Improved API response times through strategic code refactoring and optimization.
  - Team Leadership: Guided a team of three developers, ensuring code quality and scalable application architecture.
  - Project Management: Actively participated in sprint planning, code reviews, and feature implementation, contributing to project success and smooth delivery.

- **CAPLIN STERILES LIMITED**   March-2021 - July-2022
  AR&D Executive
  - While primarily focused on analytical research, I utilized IT tools and software for data analysis and reporting.

- **SGS India Private Limited**   January-2019 - February-2021
  Chemist
  - Conducted chemical analysis and maintained laboratory equipment (UV, HPLC, titration).
  - Ensured compliance with SOPs and GLPs while processing samples and declaring results.

Projects

- **Minagaram**

  Role: Junior Software Developer
  - Frontend:
    - Developed dynamic user interfaces using React, Zustand, Context API, and Redux.
    - Ant Design: Leveraged Ant Design to create aesthetically pleasing and consistent UI components.
  - Backend: Built server-side logic with Node.js and managed data using MongoDB.
  - Cloud: Utilized AWS S3 for file storage and EC2 for scalable computing.
  - Version Control: Used GitLab and Git for collaboration and code integrity.

- **CMS Dashboard**

  Role: Junior Software Developer
  - Overview: Developed a comprehensive CMS (Content Management System) dashboard for managing the Minagaram application, enabling administrators to monitor and update application data efficiently.
  - Features:
    - Role-Based Login: Implemented role-based access for Admin and User roles.
    - Graphical Representation: Visualized key metrics (Total Words Count, Total Users, Public Feedback, Smiley Rating) using Apex Charts and Recharts.
    - Word Management: Created submenus for ListWords, EditWords, AddWords, and DeletedWords.
    - Content Updates: Enabled updates to Privacy Policy, Terms and Conditions, and Disclaimer.

  - Technologies Used:
    - Frontend: Built with Vite for a fast and lightweight React application.
    - State Management: Utilized Redux for efficient state management.
    - UI Library: Leveraged Ant Design (Antd) for consistent and responsive UI components.
    - API Integration: Used TanStack Query (React Query) for lightweight and efficient API integration.
    - Charts: Integrated Apex Charts and Recharts for dynamic and interactive data visualization.

- **Logistics Dashboard**

  - User Authentication: Developed an interactive login screen with additional features like signup and forgot password functionalities. Implemented OTP verification via email using SMTP and NodeMailer, ensuring secure and seamless user authentication.
  - Real-Time Analytics: Integrated APIs for real-time statistical data, enhancing the dashboard's value for logistics analysis with dynamic and interactive charts.

Education

- **Besant Technologies**   2022
  React.js

- **St.Joseph's College**   2018
  Msc Chemistry

Area Of Expertise

- Frontend Development: React.js, Ant Design, Zustand, Redux
- Backend Development: Node.js, Express.js
- Database Management: MongoDB, SQL
- Cloud Services: AWS (S3, EC2)
- API Integration: RESTful APIs, TanStack Query
- Version Control: Git, GitLab
- UI/UX Design: Responsive and visually appealing interfaces
- Real-Time Data Visualization: Apex Charts, Recharts

Accomplishments

- Inter-College Competitions: Award-winning mime performances, showcasing teamwork and creativity.
- Research Presentation: Presented academic research at inter-college levels, receiving multiple awards.

Languages

- Tamil(Native)
- English(Fluent)
- Hindi(Fluent)