ABILASH K

Full Stack Web Developer (MERN)

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PROFESSIONAL SUMMARY

MERN Stack Web Developer with 6 months of professional experience at AS Global Soft Tech. Specialist in building scalable, role-based enterprise applications using React.js, Node.js, Express.js, and MongoDB. Transitioned from a Mechanical Engineering background with strong analytical problem-solving skills and expertise in modern styling using Tailwind CSS. Proven ability to deliver full-stack solutions with secure authentication and optimized performance.

TECHNICAL SKILLS

Frontend Development

React.js   HTML5   CSS3   Tailwind CSS   JavaScript (ES6+)   Responsive Web Design

Backend Development

Node.js   Express.js   RESTful APIs

Database

MongoDB   Database Design   CRUD Operations

Core Concepts

Authentication (JWT)   Authorization (RBAC)   API Development   Agile Methodology

Version Control (Git)

Tools & Platforms

Git   GitHub   VS Code   Postman   Chrome DevTools

LANGUAGES

Tamil (Native)   English (Professional)   Malayalam (Fluent)

PROFESSIONAL EXPERIENCE

AS Global Soft Tech
6 Months (Full-time)

Full Stack Developer (MERN)

▸ Developed highly responsive, utility-first web interfaces using Tailwind CSS and React.js

▸ Designed and implemented RESTful APIs using Node.js and Express.js for enterprise applications

▸ Managed data persistence and complex schema handling using MongoDB with optimized queries

▸ Implemented secure authentication and authorization using JWT tokens and role-based access control

▸ Built form validations and user input sanitization for enhanced application security

▸ Collaborated in an Agile development environment using Git version control for team coordination

South Indian Bank (Contract)
2020 – 2021

Office Assistant

▸ Managed administrative tasks and documentation within a professional banking environment

▸ Handled customer service operations and maintained accurate financial records

▸ Assisted in daily banking operations and compliance documentation

PROJECT HIGHLIGHT

INCRM vs ERP Software (Enterprise Management System)

React.js   Tailwind CSS   Node.js   Express.js   MongoDB   JWT Authentication   REST APIs

▸ Designed and developed a full-stack enterprise application integrating CRM and ERP functionalities

▸ Implemented role-based dashboards for Admin, HR, Sales, and Operations teams with customized access controls

▸ Developed comprehensive modules for customer management, employee records, and lead tracking systems

▸ Optimized database queries and implemented indexing for enhanced performance and scalability

▸ Integrated secure authentication system with JWT tokens and session management

▸ Created responsive user interfaces with modern design principles using Tailwind CSS

EDUCATION

Bachelor of Engineering in Mechanical Engineering 2024

Udaya School of Engineering, Anna University

Diploma in Mechanical Engineering 2019

Udaya Polytechnic College, DOTE

ADDITIONAL WORK EXPERIENCE

TVS Sundaram Brake Linings Ltd 2019 – 2020

Quality Control Trainee

- ▸ Assisted in quality assurance processes and production line inspections
- ▸ Documented quality control procedures and maintained inspection records
- ▸ Participated in continuous improvement initiatives for manufacturing processes

OTHER TECHNICAL SKILLS

| AutoCAD | CNC Programming | Technical Documentation | Quality Control Processes |

| Problem Solving | Analytical Thinking |