MANIKANDAN K

MERN Stack Developer

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SUMMARY

Highly Skilled Full Stack Developer | **MERN** Stack Specialist Experienced in crafting dynamic front-end interfaces and robust back-end solutions. Proficient in designing RESTful APIs, cloud deployment (AWS/GCP), and staying current with industry trends to drive innovative web development. Through independent learning and personal projects, I have honed my adaptability and problem-solving skills to tackle complex challenges effectively.

SKILLS

Backend Development - Node.js, Express.js, Mongoose, REST API

Frontend Development - HTML5, CSS3, React, EJS (Embedded JavaScript), React-Redux, Bootstrap, Redux-Toolkit, Tailwind CSS

Database - MongoDB, PostgreSQL, Firebase

Integrations - Razoray,   Cloudinary, Nodemailer, Multer

Deployment - NGINX, AWS EC2,

Tools - Git, Postman, Figma

Data Structures - Array, Linked List, Stack, Queue, Sorting/Searching Algorithms, Graph, Tree, Trie, Hashtable, Heap, BST

PROJECTS

ShoeStrut-An Ecommerce Website

- Developed the Shoes Store using advanced technologies like **Node.js**, **MongoDB**, **Express.js** and **EJS** to ensure a modern and efficient online shopping experience.
- Key features includes Product listing, Product Management, Cart Management, Category Management, Coupon Management, Banner Management, Referral Management, Order Management, Background remover of category, Filtering, Sorting, Pagination, Account Management, Image cropping (Implicit and explicit), Sales Report and Invoice generator.
- Integrated **Razorpay** for secure transactions, enhancing payment security within the system.
- Deployed on cloud AWS EC2 Instance with Route53 for scalability and performance.
- Integrated third party services like Twilio and **Nodemailer** to implement OTP based login and signup process, ensuring seamless communication.
- Technologies used: **Node.js, Express.js, EJS,MongoDB, Razorpay, Nodemailer**