Sreehari E K

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Profile Summary

Full-stack web developer with over one year of hands-on experience, specializing in building visually appealing, scalable, and accessible web applications. As an autodidactic **MERN Stack Developer**, I am passionate about staying updated with the latest technologies and trends in web development. Committed to continuous learning and embracing new challenges, I strive to deliver high-quality solutions while seeking opportunities for growth and improvement.

Technical Skills

- **Languages**: Javascript, TypeScript, MongoDB, MySQL HTML, CSS
- **Frameworks/Libraries**: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Material UI, EJS (Templating Engine), Handlebars (hbs) (Templating Engine), Redux, socket.io, WebRTC
- **Tools Platforms** : Docker, Kubernetes, RabbitMQ, gRPC, Git / GitHub, Redis, AWS, Nginx, Vercel, CI/CD, Digital Ocean, Firebase, Postman, Figma
- **Architectures Concepts**: Microservices, Clean Architecture, MVC Architecture, Rest API, Problem-Solving(DSA)
- **APIs Integrations**: Nodemailer, Multer, Razorpay, GPT API

Projects

HireHub: Job Porta | React.js, Node, docker, Kubernetes, RabbitMq, gRPC   git-repo   live-link

Developed a comprehensive job portal using React, Tailwind CSS, **TypeScript**, Redux, Node.js, Express.js, and MongoDB. Leveraged **microservices architecture** and **clean architecture** with **RabbitMQ** for messaging and **gRPC** for service communication. The client interacts with an API gateway, which routes requests to various services.

- Implemented features such as infinite scrolling, search debouncing, video calls using **WebRTC**, **socket.io** real-time chat, and notifications for likes on posts.
- Enabled users to upload and manage CVs, apply for jobs, and recruiters to post jobs and manage applicants.
- Developed admin functionalities for blocking/unblocking users and recruiters, and deleting reported posts.
- Ensured secure authentication and authorization using **JWT**.
- Utilized clean architecture principles for maintainable and scalable code.

TimeZone: E-commerce Web App | Node, Express.js, MongoDB, EJS   git-repo   live-link

Developed an e-commerce platform for rustic watches using Node.js, Express.js, and MongoDB for the backend, with EJS, CSS, and JavaScript for the frontend. Deployed on AWS with Nginx for scalability and reliability.

- Designed interactive views using **EJS**, enhancing the user interface.
- Utilized **Nodemailer** for secure user email verification.
- Integrated **Multer** for seamless image uploads.
- Implemented online payments using **Razorpay** for secure transactions.

Mini Projects

Aadhar OCR: System for parsing details | React..js, Express.js, Tesseract.js   git-repo

An Aadhar OCR application where users upload both front and back side images of their Aadhar card, and the system parses the images to extract details like Name, Aadhar Number, Date of Birth, Gender, and Address. The frontend is built using React and TypeScript, while the backend uses Node.js with Express, Tesseract for OCR parsing, and security measures like rate-limiting and Helmet.

- Parse Aadhar card details such as Name, Aadhar Number, Date of Birth, Gender, and Address using **Tesseract.js**.
- Front-end and back-end validation to ensure valid images are uploaded and proper responses are provided.

- Implemented security features using **rate limiter** and **Helmet.js** to prevent abuse and enhance security.
- Provided user-friendly error messages for failed parsing or incorrect image uploads.

Netflix GPT: A Netflix clone with integrated AI for movie recommendations | git-repo
React.js, Firebase, TMDB API, GPT API

Developed a Netflix clone that includes AI-powered movie recommendations based on user search queries. Users can search for movies (e.g., 'funny Indian movies'), and the integrated OpenAI GPT will provide personalized movie suggestions. The platform features user authentication using Firebase, a dynamic movie database, and interactive movie trailers.

- Integrated **OpenAI GPT** for personalized movie recommendations based on user search queries.
- **Firebase** used User sign-in and sign-up functionality.
- Implemented multi-language support, allowing users to switch between English, Malayalam, and Hindi, with dynamic text content based on the selected language.
- Provided user-friendly error messages for failed parsing or incorrect image uploads.

OLX Clone: An OLX clone where users can sell products. | React, Firebase,   git-repo
Firestore, Context API

Built an OLX clone with features like user authentication, product listing with images, price, and category. Users can log in, upload products for sale, and browse listings by category. Firebase is used for authentication, Firestore for data management, and Context API for state management.

- User authentication using Firebase for signup and login.
- Product listing where users can upload product images, name, price, and select category.
- State management with Context API to manage the user session and product listings.
- Real-time updates on product listing via Firestore.

Education

Bachelor of Computer Applications (BCA), University of Calicut	March 2021 – April 2023
Mern Stack Development, Brototype - Banglore	Aug 2023 – Oct 2024