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Summary

Full Stack Developer with expertise in building real-time web applications and AI-driven features using **MERN stack, TypeScript, and cloud technologies**. Proven ability to independently manage projects from design to deployment, with a focus on performance, UI/UX, scalability, and cloud hosting **(AWS)**. Skilled in **AI/ML frameworks** and Conversational AI tools such as **Hugging Face and Rasa**. Adept at incorporating **feedback from experienced mentors** and industry professionals to refine technical solutions. Strong communicator with experience in **team management, technical interviews, and stakeholder collaboration**.

Technical Skills

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, React, Redux Toolkit, HTML, CSS, Bootstrap, TailwindCSS
- **Databases:** MongoDB, PostgreSQL
- **Tools & Platforms:** Git, GitHub, Postman, Figma, Firebase, Netlify, Railway, Render, Vercel, AWS, DigitalOcean
- **AI & Machine Learning:** Rasa (for conversational AI/chatbots), Hugging Face (for text summarization and NLP tasks)
- **Authentication/Authorization:** JWT, OAuth
- **Real-Time Communication:** WebSocket, Socket.io
- **CI/CD:** GitHub Actions
- **Code Quality:** ESLint, Prettier
- **Concepts:** RESTful API Design, MVC Architecture, Agile Methodologies, SOLID Principles, Data Structures and Algorithms, OOPS

Experience

Full Stack Developer, Brototype – Kerala, India   Sep 2023 – Nov 2024

- **Developed full-stack apps** with MongoDB, React, Node.js, and Express.js, improving functionality and user experience.
- **Built a responsive e-commerce platform** with product listings, secure authentication, and Razorpay integration, deployed on AWS, supporting 500+ test transactions.
- **Created "ChatFlow,"** an AI-driven real-time chat application using React.js, Node.js, MongoDB, TypeScript, Socket.io, Hugging Face, Rasa, and Firebase. Implemented features like **message summarization**, intelligent **chatbot** interactions, efficient **message queueing**, and **secure file sharing** with MongoDB TTL.
- **Led a team of 10+ developers**, ensuring successful project milestones and timely completion.
- **Improved communication, team management**, and **English proficiency** through leadership roles and initiatives as a c**ommunication student trainer**, strengthening **corporate skill**s.

Projects

Aura Candle Studio | Mongodb, Expressjs, Js, Nodemailer, RazorPay, AWS   live | github

- **Build a customizable candle e-commerce platform** with secure payment gateway and AWS cloud deployment.
- **Implemented secure authentication** with Node.js, Express, and NodeMailer to protect user data.
- **Secured transactions** using Razorpay and developed RESTful APIs to manage orders and products.
- **Deployed on AWS** (auracandlestudio.shop) using Elastic Beanstalk and S3 for media storage, achieving scalability and reliability.

ChatFlow- AI Chat App | MERN, Ts, Socket.io, HuggingFace, Resa, Firebase   github

- **Built a real-time chat platform** featuring message summarization, intelligent chatbot interactions, and file-sharing with MongoDB TTL.
- **Implemented Rasa** for conversational AI and Hugging Face for real-time message summarization.
- **Enhanced message efficiency** with FIFO queueing and integrated WebSocket for real-time communication.
- **Managed user statuses** (online, typing) via hash maps for seamless UX.
- **Designed and built** responsive UI with TailwindCSS and React.js

Mini Projects

UserSphere | MERN, Redux Toolkit, TailwindCSS, Firebase   github
- **Designed a user management system** with CRUD operations and role-based access control.
- Used **Firebase GoogleAuth** for secure authentication and **Firebase Storage** for image handling.

Marketplace Pro | MERN, Typescript, TailwindCSS, Firebase GoogleAuth   github
- **Developed an online classified ads platform** inspired by OLX.
- **Enabled features like product image uploads** and category-based search.

MovieFlix | MERN, Typescript, TMDB API, Firebase, JWT, TailwindCSS   github
- **Built a movie streaming platform** inspired by Netflix.
- **Integrated TMDB API** for dynamic content and advanced filtering.
- **Implemented user authentication with JWT** and personalized watchlists using Firebase Google Authentication.

Education

Sree Narayana Guru Open University
Bachelor's in Finance