

FULL STACK DEVELOPER

MERN Stack Developer skilled in building dynamic full-stack web applications. Proficient in Node.js, Express.js, React, and Redux Toolkit with expertise in secure authentication and robust APIs. Detail-oriented and committed to writing clean, efficient code and delivering user-focused solutions.

Courses

The Complete Full-Stack Web Development Bootcamp - Angela Yu

- Gained hands-on experience in API development and integration
- Learned Node.js fundamentals and back-end development concepts
- Practiced DOM manipulation for dynamic front-end behavior
- Built responsive UIs with React.js
- Developed robust server-side applications using Express.js

PROJECTS EXPERIENCE

CHAT APPLICATION

- Gained deep, practical insight into the full-stack communication cycle between the frontend and backend, from making HTTP requests to handling responses and state management.
- Engineered a secure RESTful API backend using Node.js and Express.js, implementing **JWT authentication** to manage user sessions and protect routes.
- Designed and managed MongoDB Atlas database with Mongoose, enforcing schemas, validating data, and ensuring secure cloud-based connections.

CALORIE TRACKER

- Engineered a secure full-stack calorie tracker with custom JWT authentication for user registration, login, credential reset, and account management
- Implemented full CRUD functionality with date-wise filtering for daily calorie intake entries
- Utilized MongoDB aggregation pipelines to calculate total calories consumed and burnt
- Integrated Recharts to build dynamic, data-driven charts and graphs for nutritional trend analysis
- Added Excel export feature for offline analysis of aggregated calorie data

RELEVANT SKILLS

- React
- Express JS
- MongoDB
- Redux ToolKit
- RESTFul APIs
- Typescript

EDUCATION

Bachelor of Computer Applications
Silver Oak University
2024 - Present (SY)