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# Saranya P

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## Summary

Motivated and dedicated MERN Stack Developer currently interning at MakBig. Experienced in backend development using Node.js, Express, and MongoDB, and currently learning React for frontend integration. Strong understanding of web development principles, REST APIs, and database management. Eager to build scalable full-stack applications and continuously enhance technical expertise.

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## Technical Skills

Languages:	JavaScript, HTML, CSS, C, C++, React
Frameworks:	Bootstrap, Tailwind CSS, Git, GitHub
Database:	MongoDB
Tools & Platforms:	VS Code, Postman

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## Projects

### Vespa Elegance – Vehicle Store

A fully functional e-commerce platform developed using Node.js, Express, MongoDB, EJS, and Bootstrap. Implemented secure user authentication, wishlist, cart system, checkout workflow, order history, tracking, and cancellation modules. Designed dynamic server-side pages, optimized database queries, and structured the backend using modular controllers and routes. Ensured responsive UI and improved performance through middleware optimization and clean MVC architecture.

Developed a complete admin dashboard using Node.js, Express, MongoDB, and EJS with secure JWT authentication. Implemented product CRUD, image uploads, order status management, and user block/unblock logic. Integrated Nodemailer for automated email notifications. Designed reusable EJS components, optimized REST API endpoints, and improved backend maintainability using a clean folder structure and modular logic.

[www.vespaelegance.shop](http://www.vespaelegance.shop)  
[github.com/SaranyaShynu/Vespa-Elegance](https://github.com/SaranyaShynu/Vespa-Elegance)

## HappyVibes--AI Quote Generator

HappyVibes is an AI-powered web application that generates motivational and positive quotes using a Hugging Face language model.

The project focuses on combining AI, automation, and interactive user experiences in a simple and engaging way.

Generates dynamic quotes using Hugging Face models

Backend built with Node.js and Express.js and server-side rendering using EJS

Recently enhanced with Zapier automation to trigger workflows such as saving generated quotes, logging data, or sending notifications

Includes a DIY chat interface that allows users to interact with the system in a conversational way

Clean and minimal UI focused on user engagement and positivity

Designed as an extensible platform that can grow into chat-based or automation-driven applications.

[happyvibes.onrender.com](https://happyvibes.onrender.com)

[github.com/SaranyaShynu/HappyVibes.git](https://github.com/SaranyaShynu/HappyVibes.git)

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## Experience

Jan 25-Present

MERN Stack Developer (Internship)

MakBig, Kannur, Kerala

Built backend modules using Node.js, Express, and MongoDB including CRUD operations, authentication workflows, and business logic handling. Implemented REST APIs, middleware functions, session management, and secure JWT-based authorization for real-world web applications. Built dynamic UI using EJS templates, integrated controllers, and managed data flow between views and backend.

Worked on e-commerce features like cart systems, checkout flows, order tracking, user profile management, and admin functionalities. Collaborated with senior developers for debugging, performance optimization, Git version control, and code reviews. Started learning React to build modern front-end components and improve UI/UX consistency. Took part in project planning, requirement analysis, and testing processes to ensure smooth feature releases.

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## Education

B.Tech in Computer Science

2008 – 2012

CUSAT University, Thalassery

Percentage: 67%