

**YASIR RAEES**

**MERN Stack Developer | Software Engineer**



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## SUMMARY

MERN Stack Developer with 1 year of hands-on experience in building scalable and responsive web applications using React.js, Node.js, Express.js, and MongoDB. Experienced in developing RESTful APIs, managing databases, and following Agile development practices. Focused on writing clean, maintainable, and production-ready code while delivering high-quality web solutions.

## EDUCATION

**BS (Hons) in Computer Science**

2019-2023

Hajvery University

## SKILLS

**Core Technologies:** JavaScript | React | Node.js | Express.js | Tailwind CSS | Bootstrap

**Databases:** MongoDB | MySQL

**Tools / Technologies:** MySQL | GitHub | WordPress

**Others:** Object Oriented Programming (OOP) | Strong Communication | Problem Solving | Responsive Design Principles

## EXPERIENCE

### INNOVENT Tech | MERN Stack Intern — 7 Months

- Developed full-stack web applications using the MERN Stack (MongoDB, Express.js, React.js, Node.js) following software development life cycle (SDLC) best practices.
- Built scalable and reusable React.js components using React Hooks.
- Designed and integrated RESTful APIs using Node.js and Express.js for secure backend communication.
- Performed CRUD operations, schema design and data validation using MongoDB.
- Worked in an Agile/Scrum environment, participating in daily stand-ups, sprint planning, and code reviews.
- Handled bug fixing, performance optimization and code refactoring to improve application stability.
- Used Git and GitHub for version control and collaborative development.

## Pie Solutions (Pvt.) Ltd | WordPress Developer — 1 Year

- Developed custom WordPress themes and plugins based on client requirements.
- Integrated WooCommerce to build secure and scalable e-commerce solutions.
- Improved website performance, page load speed, and overall SEO using best practices.
- Designed and maintained fully responsive user interfaces to ensure compatibility across all devices.
- Coordinated with clients to understand business needs and deliver high-quality solutions on time.

## ORKANS | Web Development Training — 3 Months

- Gained hands-on experience with **HTML**, **CSS**, **JavaScript**, and responsive design best practices.
- Built small projects to strengthen core coding and debugging skills.

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## PROJECTS

### Support Desk | MERN Stack | React | Node.js | Express | MongoDB | JWT | JavaScript (In Progress)

- Developed a full-stack support ticket platform with role-based access control for Super Admins, Managers, Agents, and Customers, enabling secure multi-tenant operations across companies and contacts.
- Designed and implemented JWT authentication, complete ticket lifecycle management with priority/status workflows, and a collaborative commenting system featuring both internal notes and customer-facing replies.
- Built advanced ticketing features including SLA-based smart queues, rich text editing with Tiptap, auto-saved drafts, reusable canned responses, and customizable agent signatures for professional communication.
- Developed using React 18 with Vite and Tailwind CSS on the frontend, paired with a Node.js/Express REST API and MongoDB backend, incorporating AES-256 encryption for sensitive credentials.
- Integrated real-time analytics dashboards with Recharts to visualize ticket trends and team performance, plus automated SMTP email notifications with professionally styled HTML templates.
- Created an intuitive, keyboard-accessible interface with global search, persistent filtering, and Alt+K shortcuts, ensuring seamless navigation and improved agent productivity.
- **URL:** <https://github.com/developer-yasir/support-desk.git>

### Smart Retail Dashboard (Shopsense) – MERN Stack

- Live customer detection (Webcam feed + TensorFlow.js)
- Heatmap analytics
- Inventory auto-update
- Alerts for low stock + anomaly detection
- Role-based access (Admin/Manager)
- Uses React hooks for live updates.
- **URL:** <https://github.com/developer-yasir/Shopsense>

### Smart Chat App with AI Assistant (Collab Talk AI)

- Channels + DMs
- File sharing
- Online/offline status
- AI message summarizer AI
- autocomplete suggestions
- **URL:** <https://github.com/developer-yasir/Collab-Talk-AI>

### **Finance Tracker with Predictive Budgeting (Cash Flow Vision)**

- Income/expense tracker
- Recurring payments
- Forecasting using simple ML model
- Custom categories
- PDF/Excel export.
- **URL:** <https://github.com/developer-yasir/Cash-Flow-Vision>

**More Projects on:** <https://github.com/developer-yasir> | [www.yasirraees.com](http://www.yasirraees.com)

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### **REFERENCES**

**Reference will be provided on demand.**