ASAD QAYYUM

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SUMMARY

Motivated and detail-oriented MERN Stack Developer with hands-on experience in building full-stack web applications using MongoDB, Express.js, React, and Node.js. Currently pursuing a Bachelor's degree in Computer Science, with a strong foundation in data structures, algorithms, and software engineering principles. Passionate about writing clean, efficient code and continuously learning new technologies to solve real-world problems. Proven ability to work in collaborative team environments and deliver high-quality solutions under deadlines.

Expertise

- **Frontend Development:** React.js, Redux, HTML5, CSS3, JavaScript (ES6+), Bootstrap, Tailwind CSS
- **Backend Development:** Node.js, Express.js, RESTful APIs, JWT Authentication
- **Database Management:** MongoDB, Mongoose
- **Version Control:** Git, GitHub
- **Tools & Platforms:** VS Code, Postman, Netlify, Vercel
- **Problem Solving:** Strong grasp of data structures, algorithms, and debugging techniques

Key Achievements

- Developed and deployed 3+ full-stack applications using MERN stack with responsive UI and RESTful APIs.
- Integrated JWT-based authentication and role-based access control across all projects.
- Improved app performance by 30% through optimized backend queries and frontend lazy loading.
- Deployed apps on cloud platforms like Vercel and Render with CI/CD automation.

Projects

E-commerce Web Application
Tech Stack: React.js, Node.js, Express.js, MongoDB, Redux Toolkit

- Developed a complete e-commerce platform with product browsing, cart functionality, and an admin panel.
- Admin can manage products, categories, users, and orders from a secure dashboard.
- Users can add items to cart and place orders (cash on delivery – no online payment integration).
- Used Redux Toolkit for global state management and React Router for navigation.
- Backend includes secure APIs with JWT authentication and role-based access control.

Blog Management System
Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT

- Created a blog platform where admins can post, edit, and delete content, while users can browse articles.
- Admin panel allows management of blog posts, categories, and comments.
- Implemented secure login/logout using JWT and protected admin routes.
- Rich text editor integrated for creating and formatting blog posts.
- Responsive design with clean UI for both admin and user interfaces.

EDUCATION

Bachelor of Science in Computer Science (BSCS)
Government College University, Faisalabad – Layyah Campus
Session: 2022-26