FIRDOUS N

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GitHub | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Results-driven MERN Stack Developer with expertise in designing, developing, and deploying scalable web applications. Adept in JavaScript, React.js, Node.js, Express.js, and MongoDB. Skilled in API design, authentication, and DevOps practices, with hands-on experience in AWS, CI/CD, and real-time communication. Passionate about clean code performance optimization and problem-solving.

TECHNICAL SKILLS

- Languages & OS: **JavaScript (ES6+)** | **Windows**
- **Frontend** & **Backend** Technologies & **CSS** Frameworks: **ReactJS | NodeJS | HTML5 | CSS3 | Bootstrap**
- API Design & Architecture: **MVC** Architecture | **RESTful APIs** | **WebSockets** (**Socket.io**)
- Databases & ORM: **MongoDB | Mongoose | NoSQL** | **Firebase**
- Cloud Services & DevOps: **AWS** (**EC2 | Route53 | S3 Bucket**) | **Cloudinary**
- Server Configuration: **Nginx | Load Balancing**
- Version Control: Git | **GitHub**
- Web Development Tools: **jQuery | JSON | AJAX | EJS** (view engine) | **Slugify** (used to hide ID)
- Real-Time Communication & Authentication: **Socket.io** | **Socket.io-client | JWT** Authentication | Password Hashing
- Soft Skills: Adaptability | Self-motivation | Self-learning | Problem-solving | Team collaboration

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WORK EXPERIENCE

MERN Stack Developer (Self-Taught | Project-Based)

- Developed and maintained full-stack applications using **React.js, Node.js, Express.js,** and **MongoDB**.
- Designed and implemented **RESTful APIs** and **WebSocket**-based real-time communication systems.
- Enhanced application performance by optimizing database queries and frontend rendering.
- Implemented **JWT** authentication and **secure password hashing** for user authentication.
- Deployed and managed applications on **AWS,** utilizing EC2, S3, and Route53 for scalability.

PROJECTS

E-Shopper - E-Commerce Web Application   📌**GitHub: E-Shopper**

- Developed an **E-Commerce** application using **HTML, CSS,** and **JavaScript** with a backend built using **Node.js** and **Express.js**.
- Utilized MongoDB (Mongoose) as the database for seamless data storage and retrieval.

- Implemented comprehensive E-commerce functionalities in the user interface, including **product listing, cart,** and **order** management.
- Developed additional features such as product and **banner** management, **offers** and **coupons, sales reports** | and **chart** and **graph** reports on the Admin side.
- Configured **Nginx** for **load balancing** to optimize performance and ensure high availability.
- Integrated **Multer** for **multiple image uploads** .
- Followed **MVC** Architecture to maintain a **structured backend**.
- Utilized Git & **GitHub** for version control and collaborative development.
- Technologies Used: **Node.js** | **Express.js** | **MongoDB** (**Mongoose**) | **EJS | HTML | CSS | JavaScript | Bootstrap | jQuery | AJAX | Multer | Cloudinary | Nginx | AWS** (**EC2 | Route53**) | **Razorpay | Git | GitHub | MVC**

EBhoom Chat's - Real-Time Chat Application 📌**GitHub: EBhoom-Chats**

- Built a **React + Vite** chat application with both **frontend** and **backend** integration.
- Authentication: Implemented **signup** and **login** using **JWT,** with **password hashing** for security.
- Home Page: Displays a list of users, including online status updates.
- Chat Page: Developed a real-time chat system using **Socket.io** and **Socket.io-client**.
- Media Sharing: Users can send images, with storage handled by **Cloudinary**.
- Profile Management: Displays usernames, emails, and current status with an option to update profile pictures using **Cloudinary**.
- Backend Features: Built with Node.js | Express.js | MongoDB (Mongoose) | JWT authentication | **Cloudinary** integration.
- Technologies Used: React.js | Vite | Node.js | Express.js | MongoDB | Mongoose | Socket.io | JWT | Cloudinary

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EDUCATION

Musliar Collage Of Engineering & Technology, Pathanamthitta

- B.Tech in Mechanical Engineering **(2021 - 2024)**

Government Boys Higher Secondary School, Adoor

- Biology Science **(2019 - 2021)**