

# Irshad Alam

Software Engineer

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## SUMMARY

Full Stack Developer with expertise in the MERN stack (**MongoDB, Express.js, React.js, Node.js**), along with proficiency in **Next.js** and Java. Possess **16 months** of industry experience, complemented by 12 months of intensive hands-on training at Masai School Bootcamp.

## EXPERIENCE

### Full Stack Developer

May '24 — Feb '25

Matrecomm Technology

Bangalore , India

- **Firewall Configuration Interface:**

Developed a scalable firewall UI, optimizing policy management and reducing configuration time by 30% using React.js and Node.js.

- **Management Interface for Syslog Server:**

Developed the management interface for the Syslog server, enhancing log retrieval efficiency by 40%.

- **4G/5G Network Interfaces:**

Implemented MME, AUSF, and CHF interfaces, enhancing network scalability by 25% using Next.js and node.js

### MERN Stack Developer (Freelancer)

Sep '23 — Apr '24

Vatech Solution

Jharkhand, India (Remote)

- Designed and implemented solutions to enhance management tools and streamline operational processes.

- Conducted requirements gathering and ensured seamless integration, leading to a 15% improvement in operational efficiency.

## EDUCATION

B.Sc in Physics, SKMU University ,Dumka (GPA: 9.1)

Jun '18 — Aug '22

Dumka, India

Full Stack Web Development in , Masai School

Apr '22 — Apr '23

## SKILLS

**Programming Languages** JavaScript, java, node.js, TypeScript

**Web Development Frameworks** React Js, Express Js, Redux, Next Js, HTML, CSS

**Database Technologies** AWS, MongoDB

**Languages** English, Hindi

## PROJECTS

### Log Management System

- **Developed** a browser-based log management system to **track and report** user activity for administrators.
- **Implemented** real-time alerts, reducing threat detection time by **40%** and improving **security monitoring**.
- **Enhanced** threat response time by enabling immediate detection and reporting of potential risks.

### Network Management Interface

- **Designed and implemented** a user interface to manage **5G and 4G network components**, including **AUSF, MME, CHF**, and others.
- **Led** UI development, ensuring seamless **integration** with backend systems.
- **Enhanced** navigation and usability, enabling efficient **network management**.

### Store Management Application [Link](#)

- **Managed** a catalog of over 500 footwear products with features to **add, filter, and categorize** items for improved inventory organization.
- **Optimized** product search and filtering, reducing lookup time by **30%** and improving user efficiency.
- **Developed** a multi-user login system with roles for admin, staff, and customers, using **hashed passwords** to enhance security.

## CERTIFICATIONS