

Jai Kishan Kumar

(Bihar, India)

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Professional Summary

Full-Stack MERN Developer with hands-on experience building scalable, production-ready web applications. Strong expertise in React, Node.js, Express, MongoDB, authentication systems, and role-based access control. Proven ability to design secure APIs, real-time dashboards, and deploy applications on AWS using Nginx. Background in commerce with a strong transition into software engineering through self-learning and real-world projects.

Technical Skills

Languages & Frameworks: JavaScript, React.js, Redux, Redux Toolkit (RTK), Node.js, Express.js, HTML5, CSS3, Material UI (MUI), Tailwind CSS, REST APIs

Database: MongoDB

Authentication & Security: JWT, Role-Based Access Control (RBAC), Attribute-Based Access Control (ABAC)

DevOps & Deployment: Docker, Docker Compose, AWS EC2, Nginx, Cloudinary

Tools: Git, GitHub, Docker Hub, JSON, VS Code

Projects

EMS - Employee Management System [Live] *React.js, Node.js, Express.js, Redux, AWS EC2, Nginx*

- Real-time employee attendance and leave management system with **biometric device integration**.
- Implemented hybrid **RBAC + ABAC** for fine-grained access control across admins, managers, and employees.
- Built dashboards, logs, reports, and deployed production setup on AWS EC2 with Nginx.

BattleFiesta – Esports Tournament Manager [Live] *React.js, Node.js, Express.js, Redux, AWS EC2*

- Full-stack platform to create, manage, and run esports tournaments.
- Implemented secure authentication using **JWT** and admin-controlled workflows.
- Automated team approvals, ranking tables, match results, and tournament statistics.

Accusoft – Expense Management System [Live] *React.js, Node.js, Express.js, MongoDB AWS EC2*

- Expense tracking system with responsive UI and RESTful backend APIs.
- Implemented **JWT-based authentication** and various type for Reportings
- Enabled CRUD operations, expense reports, and secure data handling.

Experience

Self-Taught MERN Stack Developer

2022 – Present

- Built multiple full-stack web applications through self-learning and hands-on projects.
- Practiced clean code principles, API design, authentication flows, and deployment.
- Transitioned into software development from a commerce background through consistent upskilling.

Cashier — Real State Company

2019 – Present

- Managed daily cash handling, billing, and customer transactions with accuracy.
- Maintained records and handled customer queries efficiently.

Education

Bachelor of Commerce (62.7%) — Magadh University, Patna

2013 – 2016

Intermediate of Commerce (69.8%) — Bihar School Examination Board

2011 – 2013

Matriculation (71.6%) — UPHS (J&K Board)

2011