Akshat Goyal

MERN Stack Engineer | Frontend Specialist

React.js • TypeScript • Micro-Frontends • Node.js • MongoDB

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PROFILE

Frontend-focused MERN Stack Engineer with 3+ years of experience building scalable React.js and TypeScript products, backed by hands-on Node.js, Express.js, MongoDB, and REST API development. **Delivered 8+ independently deployable modules and 50+ reusable components**, with strengths in micro-frontends, workflow/form engines, secure authentication and authorization, testing, accessibility, analytics, and CI/CD.

CORE TECHNICAL SKILLS

Frontend Engineering
React.js, TypeScript, JavaScript ES6+, Redux Toolkit, React Router, HTML5, CSS3/SASS, Responsive UI, React Native

MERN / Backend
Node.js, Express.js, MongoDB, REST APIs, JWT, OAuth, Authentication, Authorization

Architecture
Micro-Frontends, Webpack Module Federation, Turborepo, App Shells, Reusable Components, Design Systems

Testing & Quality
Jest, React Testing Library, Unit/Integration Testing, WCAG, ARIA, Code Review

State / Product Engineering
State Management, Form Engines, Workflow Engines, API Integration, Validation, Analytics

Delivery & Tools
Git, GitHub, GitLab, Bitbucket, Webpack, CI/CD, Jira, Agile/Scrum, Amplitude

PROFESSIONAL EXPERIENCE

Frontend Development Engineer — July 2023 - Present

AVIZVA Solutions | Gurugram, India

- Build and maintain React.js and TypeScript applications using Micro-Frontend Architecture, Webpack Module Federation, and React Router across 8+ independently deployable modules.
- Delivered 50+ reusable React components and modules, improving consistency, maintainability, code reuse, and engineering velocity across enterprise applications.
- Built Form Engine and Process Engine capabilities for dynamic rendering, validation, configurable workflows, and conditional routing driven by user actions, APIs, application state, and business rules.
- Optimized validation and state-management flows to eliminate race conditions and duplicate rendering, reducing related UI issues by approximately 30%; added Jest/React Testing Library coverage, WCAG/ARIA practices, and Amplitude analytics.
- Review pull requests, mentor developers, and support technical delivery as a shadow lead within a 40+ member engineering environment.

Web GIS Intern — June 2022 - August 2022

Defence Research and Development Organisation (DRDO) | Delhi, India

- Built interactive geospatial monitoring features with OpenLayers, GeoServer, JavaScript, and jQuery; developed supporting APIs/location services using Spring Boot, Hibernate, PostgreSQL, and PostGIS.

PERSONAL PROJECT

TravelsTREM - Travel Operations SaaS Platform — **app.travelstrem.com**

Stack: React.js | TypeScript | Redux Toolkit | Turborepo | Module Federation | Node.js | Express.js | MongoDB | REST APIs | CI/CD

- Built the platform end-to-end across consumer, agent, admin, and partner journeys - including tours/trips, hotel and flight search, enquiries, reservations, configurable pricing, traveller workflows, and payment states.
- Architected a Turborepo micro-frontend platform with a shared app shell, Module Federation, reusable UI/design-system packages, and shared auth, API-client, validation, permissions, notifications, analytics, search, and workflow modules.
- Developed reusable React/TypeScript form, workflow, booking, pricing, and checkout modules, plus Node.js/Express REST APIs and MongoDB models for inventory, bookings, pricing, users/partners, and operational workflows.
- Secured application and API flows using JWT/OAuth authentication, role/permission-based authorization, request validation, rate limiting, and controlled CORS/origin rules; structured environment-based CI/CD for reliable deployments.

EDUCATION & RECOGNITION

B.Tech in Information Technology | CGPA: 8.4/10 | 2019 - 2023
Amity University, Gurgaon | Minor in Positive Psychology

Best Performer Award
Engineering quality, ownership & delivery