

# ONKAR DOKE

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## PROFESSIONAL SUMMARY

Full Stack MERN Developer with hands-on experience building end-to-end web applications using **MongoDB, Express.js, React.js, and Node.js**. Proficient in designing and consuming **RESTful APIs**, managing application state with **Redux**, and implementing secure authentication using **JWT and OAuth**. CDAC-certified (2025) with strong fundamentals in **component-based architecture, responsive UI design, database modelling**, and full-stack deployment using **Docker and CI/CD pipelines**. Experienced in Agile/Scrum teams with Git-based collaborative workflows and a passion for clean, scalable, and user-centric web solutions.

## TECHNICAL SKILLS

**Frontend (React):** React.js | React Hooks | Redux | Redux Toolkit | React Router | Context API | TypeScript | JavaScript (ES6+) | JSX

**Styling & UI:** Tailwind CSS | Material UI (MUI) | Bootstrap | CSS3 | HTML5 | Responsive Design | Cross-Browser Compatibility

**Backend (Node/Express):** Node.js | Express.js | RESTful API Design | Middleware | MVC Architecture | Server-Side Rendering | WebSockets (Socket.io)

**Databases:** MongoDB | Mongoose ODM | MySQL | PostgreSQL | Firebase | NoSQL Data Modelling | Aggregation Pipelines | Query Optimization

**Auth & Security:** JWT (JSON Web Tokens) | OAuth 2.0 | bcrypt | Role-Based Access Control (RBAC) | Session Management | Input Validation

**DevOps & Tools:** Git | GitHub | Docker | CI/CD (GitHub Actions) | Postman | VS Code | npm | Vite | Webpack | Vercel | Render

**Methodologies:** Agile/Scrum | SDLC | TDD | Component-Driven Development | Code Reviews | REST API Documentation | Technical Writing

## PROFESSIONAL EXPERIENCE

**React.js Developer Intern** | HT Labs (OTTplay), Pune, Maharashtra | *Aug 2025 – Present*

- Building and maintaining OTTplay CMS — a React.js-based internal platform for managing OTT content, media assets, and multi-step publishing workflows used by editorial teams daily.
- Architected reusable, modular React components using React Hooks, Context API, and Redux Toolkit, reducing code duplication by ~40% and improving maintainability across the codebase.
- Integrated RESTful APIs (Node.js/Express backend) for CRUD operations, paginated data rendering, and real-time content status updates with optimistic UI patterns.
- Implemented Role-Based Access Control (RBAC) with JWT-based authentication, building admin dashboards with protected routes using React Router and conditional rendering.
- Collaborated in Agile sprints using Git/GitHub for version control, peer code reviews, and CI/CD deployments via GitHub Actions — consistently delivering features on schedule.

**Frontend Developer Intern** | Elite Softwares, Pune, Maharashtra | *June 2023 – Nov 2023*

- Developed fully responsive, cross-browser-compatible web applications using HTML5, CSS3, JavaScript (ES6+), and Bootstrap for multiple client projects.
- Built reusable UI components and JavaScript-based form validations; consumed REST APIs to render dynamic data and collaborated with backend developers on API contract definitions.
- Followed Agile workflows with sprint planning, daily standups, and Git-based version control, helping deliver 3+ client projects within deadlines.

## PROJECTS

**SmartBank – Full Stack MERN Banking Application** | MongoDB, Express.js, React.js, Node.js, Redux, JWT | *Jan 2025*

- Built a full-stack banking platform end-to-end using the MERN stack — React.js frontend with Redux Toolkit state management, Node.js/Express.js REST API backend, and MongoDB for data persistence.
- Implemented secure user authentication and authorization with JWT, bcrypt password hashing, and RBAC; protected API endpoints with Express middleware and input sanitization.
- Designed MongoDB schemas with Mongoose ODM for accounts, transactions, and users; built aggregation pipelines for account statement generation and real-time balance updates.
- Containerized the full stack with Docker (separate containers for frontend, backend, MongoDB); set up GitHub Actions CI/CD pipeline for automated build, test, and deployment to Render.

**Waste Management Application** | React.js, Node.js, Express.js, MongoDB, Socket.io, Docker | *Feb 2025*

- Developed a full-stack MERN waste management platform — React.js frontend with real-time collector tracking, Node.js/Express.js REST APIs, and MongoDB with geospatial queries for location-based routing.
- Integrated Socket.io for real-time notifications and live status updates between users and collectors, improving responsiveness and UX significantly.
- Built protected routes with JWT authentication, RBAC for user/admin/collector roles, and validated all API inputs using express-validator to prevent injection attacks.
- Deployed via Docker Compose (multi-container setup) with GitHub Actions CI/CD; implemented error boundary handling in React and structured error responses in Express for robust UX.

## EDUCATION

**Post Graduate Diploma in Advanced Computing (PG-DAC)** | C-DAC, Pune | *2024 – 2025*

**Bachelor of Technology in Computer Engineering** | G.H. Raisoni Society's College of Engineering and Management, Pune | *2020 – 2024* | CGPA: 7.65+ | *No Active Backlogs*

## CERTIFICATIONS & ADDITIONAL INFO

**CDAC Certification (2025)** — Advanced Computing: Full Stack Development, React.js, Node.js, MongoDB, Spring Boot, System Design | **Languages:** English (Professional), Hindi, Marathi | **Open to:** Full Stack MERN roles (Hybrid/Remote), SaaS product companies, startup environments