

Aman Dubey

Front-end React Developer | MERN Developer | Software Engineer | MCA Candidate
[My Portfolio Link](#)

EDUCATION

Jain University, Bangalore — *MCA (PG)* july 2023 - Present
Master of Computer Applications | Achieved 9.3/10 GPA in first Semester.

Mumbai University, Mumbai — *BSC-IT (UG)* july 2020 - july 2023
Bachelor in science and Information Technology | Accomplished 8.6/10 CGPA.

Mumbai University, Mumbai — *HSC* july 2019 - july 2020
Completed 12th Standard with an A grade in the science stream, reflecting a deep interest in science and technology

PROJECTS/EXPERIENCE

Brain-Games (Quiz Web App) (React.js, Bootstrap, Context Api, Animations)

[Github Repo](#) | [Live Demo Link](#) | [Performance Report](#) | Speed Index: 1.6s

- Animated React project for quizzes with 24+ categories and 3 levels.
- Established live scoreboard and detailed report, increased engagement by 20%.
- Reduced bounce rate by 15% through UI enhancements and lazy loading
- Achieved 94% accuracy rate in quiz result calculations (FCP: 0.8s, LCP: 0.9s).

Netflix-GPT (Ai Integration Web service) (react.js, Redux, Tailwind, Firebase)

[Github Repo](#) | [Live Demo Link](#) | [Performance Report](#) | Speed Index: 1.7s

- Integrated Firebase backend for secure login, implementing protected routes for authorization and validation, enhancing user reliability to 90%.
- produced an AI-integrated application with debouncing, caching, and advanced security measures.
- Increased user experience with lazy loading, resulting in a 25% reduction in initial page load time.
- Enhanced movie suggestions with OpenAI, boosting recommendation accuracy by 20%.

Cake-N-Bake (Role-based Web service) (MERN Stack, JWT, Bcrypt, Cookies, Braintree)

[Github Repo](#) | [Live Demo Link](#) | [Admin: admin123@gmail.com, password: Admin123@]

- Implemented advanced security measures, including JWT for authentication, encryption, middleware, cookies, Hashing, protected Routes, secure payment gateway, Elevated user reliability to 80% .
- Engineered filtering, searching, cart page, payment page, category listing and product pages, and lazy loading resulting in a 30% reduction in page load time.
- Admin capabilities include CRUD on products, user management and order status control, increasing operational efficiency by 50%.

E-shop (Tested >90%) (Web App) (React, Redux, Jest, Parcel, Bootstrap)

[Github Repo](#) | [Live Demo Link](#) | [Performance Report](#) | Speed Index: 1.3s

- Developed from scratch using Parcel Bundler, project has 90%+ Test coverage
- **Features** : robust product listing with search/sort, optimized UX to 80%, detail/cart/payment sections, and offline messaging for seamless experience.
- Achieved >90% test coverage with React Testing Library and Jest by unit testing.
- FCP: 0.7s, LCP: 0.8s, overall performance above 98% by Page-Speed Insights.

Contact

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SKILLS

Primary Skills:

Front-End Development:

- HTML, CSS
- JavaScript,
- React.js,
- Redux.js,
- GitHub,
- SEO.

UI Designs/Frameworks:

- Tailwind CSS,
- Bootstrap,
- Chakra-UI,
- Ant Design

Backend Development:

- Node.js,
- Express.js,
- REST APIs,
- Data Structures.

Database:

- MongoDB.
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Familiar with:

Testing and Deployment:

- React-Jest,
- Firebase, Render, Netlify.

Optimization:

- Asset Optimization,
- JS Optimization,
- Performance,
- Accessibility,
- Code Modularity,
- Security.

TOOLS:

- Vs Code
 - React Devtools
 - Postman
 - Google Page Speed
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CERTIFICATION

SOFTWARE ENGINEERING
-Grow Skill Training

REACT CERTIFICATION
-Let Upgrade

