Upjot Singh
Software Engineer

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Dynamic Frontend Software Engineer with 5+ years of hands-on experience in developing user-centric responsive web applications. Proficient in working with RESTful APIs, third-party integrations, and product management. Delivered optimized cross-functional software, ensuring scalability, and reliability. Passionate about researching & learning emerging technologies to contribute to industry advancements.

Skills

Languages: JavaScript (ES6+) | Typescript | HTML 5 | CSS 3/Bootstrap | JSX | Java | XML | PHP | Python | SQL | C/C++.

Tech: ReactJs | Redux/RTK Toolkit | NodeJs | Webpack | Vite | Vercel | Spring boot | MySQL/MongoDB | React Native | Jenkins CI/CD | DSA | Jest/Unit testing/RTL | DOM | Git/Github/Gitlab | RESTful APIs | AWS | Component Libs: Material UI & Storybook

OS & Tools: Windows/Linux/Mac | VS Code | Adobe XD/Figma | Postman | Jira | Xcode/Android Studio.

Technical: Software Development Lide Cycle (SDLC) | Code Reviews/Refactoring | Agile methodologies | Technical Documentation | Troubleshooting/Debugging Skills.

Soft Skills: Leadership/Teamwork | Verbal/Written Communication Skills | Collaboration Skills | Task Management | Adaptability | Creative Thinker | Problem-Solver | Attention to Detail | Time Management.

Professional Experience

Software Engineer, Tata Consultancy Services
2022 Sep – 2024 Aug
Hybrid

- Led an 8-member team, developed cross-browser compatible apps for the Election Commission of India, and integrated an Angular Chatbot.
- Streamlined elections with an efficient data management system, handled over 1.4 billion customers, and their grievances.
- Proficient in building material user UI for enhanced user experience, followed by modern web design-patterns, developed a visualizing dashboard for large-scale data analysis.
- Worked with Jest/RTL for end-to-end testing, ensuring smooth component workflow.
- Seamless integration of Redux Toolkit for APIs, developed Java spring boot APIs using microservices, multilingual support, QR code scanner H/W integration, and single sign-on.
- Maintained security measures and compliance practices, validating JSON web tokens, oauth integration, session management, and increasing data protection regulations by 25%.

Software Developer, Cognizant Technology Solutions
2021 Apr – 2022 Aug
Remote

- Worked on Life Science projects, ensuring test-driven development with a cross-functional team of 20 members in an Agile environment.
- Took ownership and led team to build a health-based web app featuring webRTC for live video streaming, & workout sessions for up to 100 customers, followed by object-oriented principles.
- Support custom diet charts, personalized workout routines, and 200+ instructional videos.
- Utilized React Testing Library for robust performance testing, ensuring efficient web components to manage 10K records.

Software Engineer, Innovatia Marketing & Technology
2019 Jul – 2021 Apr
India

- Worked with a tech and marketing startup in a collaborative firm, gained experience in frontend and backend development and built versatile enterprise applications such as:
- 'NpRecharge': Nepal telecom recharge services for over 20 million customers.
- 'Prune': Internet data usage monitoring system to suggest recharge options, facilitate bill payments & an e-commerce platform to sell electrical hardware, SIM cards, & mobile phones.
- 'Teacher': Web app aimed at motivating students, providing study materials, and current affairs, and connecting peers for social discussions & group activities.
- 'Ayuvya': E-commerce web app for selling 100% Ayurvedic products.
- Worked with PHP and AWS services like DMS to ensure seamless data exchange for a 500+ user base, RDS for backups, S3 Bucket for scalable media.

Education

Bachelor of Technology (Computer Science)
2016 – 2020
India

Maharishi Dayanand University