Deepak Chapagain

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PROFESSIONAL SUMMARY

Software Engineer with 5+ years' experience delivering React/TypeScript web and React Native mobile features at enterprise scale.
Strengths: Accessibility (WCAG 2.1 AA), Performance-minded UI, Observability (Dynatrace, Quantum Metric, Splunk), Agile collaboration, and CI/CD usage (Jenkins, GitHub Actions), Multi-Domain exposure.
Currently learning Node.js (backend) and Cypress (E2E testing); Microsoft Azure Fundamentals (AZ-900) certified.

SKILLS

- **Languages**: JavaScript (ES6+), TypeScript, Java (services), SQL (basics).
- **Front End**: React, React Hooks, Redux/Redux-Saga, React Router, HTML5, CSS3/SCSS, Responsive Design, Accessibility (WCAG 2.1 AA).
- **Mobile**: React Native (including WebView integrations), React Navigation, Redux-Saga.
- **APIs & Data**: REST, GraphQL (consumption and migration experience).
- **Testing**: Jest, React Testing Library; learning Cypress E2E.
- **CI/CD & Tools**: Git/GitHub, GitHub Actions, Jenkins (user-level), SonarQube (usage), Webpack/Babel.
- **Observability & Perf**: Dynatrace, Quantum Metric, Splunk.
- **Cloud**: Microsoft Azure (AZ-900).
- **Ways of Working**: Agile/Scrum, code reviews, pair programming, RFC/PRD collaboration with Product & Design.

WORK EXPERIENCE

Infosys Limited   **Oct. 2019 – Present**
Tractor Supply Company – TSC   **Sept. 2024 – Present**
Technology Analyst | Sept. 2024 - Present   *Brentwood, TN (Hybrid)*

- Led a transition of key data flows from REST to GraphQL for a retail app, coordinating schemas, query patterns & caching, and refactored client-side data access to improve clarity and reduce over-fetching.
- Implemented a secure authentication flow inside React Native using WebView, token passing via headers/injected scripts, and deep-linking callbacks.
- Built and iterated customer-facing features in React Native; emphasized accessible and reusable components.
- Partnered with Product, Design, and API teams to scope and deliver sprint increments; raised and drove backlog items to resolution.
- Used Dynatrace, Quantum Metrics, and Splunk to monitor health, trace issues, and verify performance improvements after fixes.

Southern California Edison – SCE   **Nov. 2020 – Aug. 2024**
Technology Analyst | Apr. 2022 – Aug. 2024   *Richardson, TX (Remote)*

- Delivered e2e web application features using React, Redux, and React-Router, ensuring adherence to Agile methodologies and Scrum practices for iterative feature delivery in sprints.
- Collaborated with cross-functional teams to translate requirements into performant, maintainable UI components.
- Refactored legacy modules to modern React patterns (hooks, functional components), improving readability, testability, and easing future change.

Senior Associate | Mar. 2021 – Apr. 2022

- Developed and tested UI for features on a React Native mobile application using modern JavaScript technologies like Redux, Functional Components, React Hooks, and React Navigation.
- Refactored subsystems to enhance operational efficiency, seamlessly integrating new features and optimizing performance for an improved user experience.

Allstate Corporation   **Feb. 2020 – Aug. 2020**
Associate Analyst   *Irving, TX*
- Conducted integration and testing of SiteCatalyst (an analytics middleware) on native mobile apps, ensuring accurate data collection for business reporting.
- Performed comprehensive validation on API endpoints, generated reports, and provided insights to stakeholders.

EDUCATION

Louisiana State University - Shreveport   **Aug. 2023 – Jul. 2025**
MBA (online)   *Shreveport, LA*
- GPA: 3.5/4.0

Mississippi State University   **May 2019**
B.S, Computer Engineering   *Starkville, MS*
- Undergraduate Research Award; Phi Theta Kappa Scholarship; President's Honor Roll Award.
- Intramural Soccer Team; Cultural Coordinator of Nepalese Students Association; IEEE, ACM.

CERTIFICATIONS, AWARDS, & INTERESTS

- **Certifications:** Infosys Certified React Professional (2020); Microsoft Certified AZ-900 (2024).
- **Awards:** 2x Rising Star (Infosys Insta Award).
- **Interests:** Soccer, Cricket, Workout, Traveling, Hiking, and Sightseeing (39/50 states visited).