

S D LOKESH

Frontend Developer | ReactJS | Redux Toolkit | JavaScript

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Professional Summary

Results-oriented Frontend Developer with proven expertise in architecting and delivering scalable, high-performance web applications using cutting-edge technologies including **React.js, Redux Toolkit, JavaScript (ES6+), TypeScript, Material-UI, and Tailwind CSS**. Specialized in **FinOps cloud cost optimization** with deep Azure ecosystem knowledge. Demonstrated track record of reducing development time by 30%, optimizing application performance by 20%, and maintaining exceptional code quality with 95%+ test coverage across enterprise-grade applications.

Professional Experience

Software Engineer, Heeddata India Pvt. Ltd. – Hyderabad

July 2023 – Present

Project: *Heeddata FinOps – Multi-Cloud Cost Optimization Platform (Azure, AWS, GCP, OCI)*

- **Architected and engineered** 15+ enterprise-grade reusable React components utilizing advanced hooks patterns (`useState`, `useEffect`, `useMemo`, `useCallback`), **accelerating development velocity by 30%**.
- **Orchestrated comprehensive** global state management architecture using Redux Toolkit for authentication workflows, advanced filtering systems, pagination controls, and role-based access control across multiple dashboard interfaces.
- **Implemented sophisticated** React performance optimizations including memoization strategies, code splitting, and lazy loading techniques, **achieving 20% reduction in application load times**.
- **Designed and developed** responsive, data-rich dashboards featuring Material-UI advanced tables, interactive charts, and real-time analytics for comprehensive multi-cloud cost analysis and reporting.
- **Engineered secure** role-based UI rendering system with protected routing, authentication guards, and granular permission controls.
- **Constructed advanced** multi-dimensional filtering capabilities enabling analysis by cloud provider, service category, geographical region, and account hierarchy for precise cost attribution.
- **Maintained exceptional** 95% unit test coverage utilizing Jest and React Testing Library, ensuring robust code quality and deployment reliability.
- **Collaborated strategically** with backend engineering teams to optimize API response payloads and enhance MongoDB query performance, improving overall system efficiency.

Technology Stack: React.js, Redux Toolkit, Material-UI, JavaScript (ES6+), Azure SDK, Azure OpenAI, MongoDB, Git

Software Engineer, Infolob Solutions Pvt. Ltd. – Hyderabad

Nov 2022 – June 2023

Key Project: *CloudMonk – Azure Cloud Cost Optimization Platform & Heeddata Application Support*

- **Integrated sophisticated** Azure SDK for Python with external APIs to retrieve SKU pricing data, resource metadata, and detailed cost reporting analytics.
- **Established foundational** reusable frontend component library and standardized design patterns subsequently adopted and scaled by the Heeddata development team.
- **Delivered comprehensive** frontend development and Azure cloud support for Heeddata application, encompassing advanced data visualization, seamless API integration, and deployment validation processes.

- **Crafted responsive** user interface layouts utilizing HTML5, CSS3, and Material-UI component system, significantly enhancing user experience and accessibility.
- **Partnered effectively** with cloud architecture specialists to ensure proper implementation of Azure IAM policies, cost management strategies, and service principal configurations.

Technology Stack: React.js, Redux Toolkit, JavaScript (ES6+), Azure SDK, Azure Cloud Platform, Python, REST APIs, MongoDB, Git

Technical Expertise

- **Frontend Technologies:** React.js, Redux Toolkit, JavaScript (ES6+), TypeScript, HTML5, CSS3, Material-UI, Tailwind CSS, Bootstrap, Styled Components, Axios, Responsive Design, Progressive Web Apps
- **Backend & API Technologies:** Node.js, Express.js, RESTful APIs, Python (Azure SDK), JSON Web Tokens
- **Cloud & DevOps:** Microsoft Azure (SDK, OpenAI, IAM, Cost Management), GitHub Actions, CI/CD Pipelines
- **Database Technologies:** MongoDB, PostgreSQL, SQL Server, Database Optimization
- **Testing & Quality Assurance:** Jest, React Testing Library, Unit Testing, Integration Testing, ESLint
- **Development Tools:** Git, GitHub, Visual Studio Code, Postman, Webpack, Babel, npm/yarn

Key Achievements & Impact

- **Cost Optimization Excellence:** Reduced organizational cloud expenditure by **25%** through implementation of automated optimization algorithms in Azure ecosystem.
- **Development Efficiency:** Built and maintained enterprise-grade reusable React component library, **boosting team productivity by 30%** and standardizing UI consistency.
- **Quality Assurance Leadership:** Achieved and maintained **95% test coverage** across all React components, ensuring zero-defect deployments and enhanced system reliability.
- **Performance Recognition:** Received multiple **Sprint Best Performance Awards** for consistently delivering high-quality solutions ahead of schedule.
- **AI Innovation:** Successfully deployed AI-powered cloud resource tagging system using **Azure OpenAI**, improving resource traceability and financial reporting accuracy.
- **Performance Optimization:** Achieved **20% improvement** in application load times through advanced React optimization techniques and code splitting strategies.

Education

Bachelor of Science in Computer Science, Vijayam Degree College 2017
Sri Venkateswara University – Tirupati, Andhra Pradesh

Professional Certifications

- **Introduction to FinOps** – Linux Foundation (2023) – *Specialized cloud financial management*
- **Full-Stack Web Developer** – Pro Stack Academy (2022) – *Comprehensive development training*
- **JavaScript Fundamentals** – Namaste Dev (2024) – *Advanced JavaScript concepts*