

SIDRAMESHWAR BIRADAR

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PROFESSIONAL SUMMARY

Frontend Developer with 3+ years of experience building high-performance, user-centric web applications using **Angular**, **React**, **TypeScript**, and modern **JavaScript** frameworks. Skilled in large-scale Angular migrations, **UI performance optimization** (reduced bundle size from **43 MB** to **1.8 MB**), **responsive design**, and delivering actionable developer-productivity dashboards. Strong communicator who thrives in **Agile/Scrum** teams and is passionate about scalable frontend architecture.

TECHNICAL SKILLS

Languages and Core: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frameworks and Libraries: Angular (9 to 20), React, RxJS, Tailwind CSS, Carbon Design System, Shidoka Design System

Build and Performance: Webpack, Parcel, Lazy Loading, Tree Shaking, Caching, Bundle Optimization

APIs and Testing: REST APIs, WebSockets, Selenium, Unit Testing, UI Automation

DevOps and Tools: Git, Docker, Kubernetes, npm, CI/CD, JIRA

Concepts: Frontend System Design, Responsive Design, Accessibility (a11y), Agile/Scrum, Problem-Solving

PROFESSIONAL EXPERIENCE

Frontend Developer

Jul 2022 - Present

Kyndryl (IBM), Bengaluru, India

- Architected and maintained scalable dashboards for **DevOps Intelligence (DI)**, delivering actionable **SDLC** insights via metrics such as Code Review Latency, Review Throughput, Commit Frequency, PR Complexity, and Merge Lead Time, directly boosting developer productivity and code quality across multiple teams.
- Spearheaded phased migration from **Angular 9 to 16 to 20+**, reducing JavaScript bundle from **43 MB to 12 MB** and further optimized to **1.8 MB** with **Webpack** tree-shaking, lazy loading, and code splitting, cutting initial page load time by over 80 percent.
- Led end-to-end conversion from Carbon Design System to Shidoka Design System across the entire application, coordinating with UX designers to ensure seamless transition with zero user-facing regressions and full design-token parity.
- Built the **Security Overview** module encompassing security alerts, open-source license compliance, and container vulnerability scanning, providing teams with a centralized view of the application security posture.
- Developed the **Compare Release** feature enabling Release Managers to evaluate and approve or deny releases at both application and global levels, reducing release decision turnaround time and improving deployment confidence.
- Integrated **Image Management** and **Release Management** services into the DI platform, enabling end-to-end release governance and expanding the platform capabilities for cross-team adoption.
- Built and maintained automated UI test suites using **Selenium**, achieving comprehensive regression test coverage of critical user flows and reducing manual QA effort during sprint cycles.
- Implemented real-time data streaming using **WebSockets** for live dashboard updates, improving user experience with instant metric refresh and reducing polling overhead.
- Collaborated in an **Agile/Scrum** environment with cross-functional teams including backend engineers, DevOps, UX designers, and product owners to deliver features iteratively with bi-weekly sprint releases.

PROJECTS

DevOps Intelligence | Angular, TypeScript, RxJS, REST APIs, WebSockets, Webpack, Docker, Kubernetes

- Enterprise-grade dashboard delivering configurable SDLC insights for engineering and release management teams to track productivity, security, and release readiness.

E-Mandi for Farmers | Python, CSS, HTML - Academic Project, BMS College of Engineering (Jan 2021 to Jan 2022)

- E-commerce platform enabling farmers to sell directly to buyers, eliminating intermediaries and ensuring crop-pricing transparency via Aadhaar-based authentication.

EDUCATION

Bachelor of Engineering (B.E.) in Electrical and Electronics Engineering

2018 - 2022

BMS College of Engineering, Bengaluru | CGPA: 8.6 / 10

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C03)