

Niraj Kumar Sah

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SUMMARY

Results-driven Software Developer adept in **JavaScript, React, Angular, Python, HTML, CSS**, seeking web development challenges. Demonstrated success in AI data management, annotation tools, and computer vision projects. Proficient in **GitLab** and **Docker**, with a focus on innovating end-to-end AI pipelines. Ready to contribute to and drive excellence in software development.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, Node.js
Web Technologies: HTML5, CSS3, Media Queries, WebSockets, Web Storage, AJAX, Asynchronous programming
Frameworks/Libraries: Angular, ReactJS, ant-design, TailwindCSS
Tools/Platforms: Linux, Git, GitHub, Docker, Docker-Compose, JIRA
Other Skills: Responsive Design, Agile Methodologies, Performance Optimization

WORK EXPERIENCE

Senior Software Engineer - HCL Software *Sep 2025 - Present*

- Developing and maintaining the **BigFix Inventory and Vulnerability Remediation (IVR)** platform for both **On-Premises** and **SaaS** deployments, used by enterprise customers for endpoint vulnerability management and remediation.
- Building scalable and modular user interfaces using **React.js**, **Zustand**, and **Microfrontend Architecture**, enabling independent development and deployment of application modules.
- Designing and implementing new features for vulnerability dashboards, remediation workflows, and policy management to improve usability and operational efficiency.

Software Engineer - MapMyIndia (CE Info Systems Ltd.) *Sep 2021 - Sep 2025*

- Led the development of responsive web applications using **JavaScript**, **Angular**, and **CSS3**, achieving a 30% increase in user engagement and satisfaction ratings.
- Built reusable UI components for data-intensive applications, ensuring smooth user experience and efficient rendering of large datasets.
- Utilized **React.js** and **Redux Toolkit** to develop high-performance single-page applications (SPAs), reducing page load times by 40%.
- Developed real-time features using **WebSocket API** and **WebRTC** for client-server video streaming and collaboration tools.
- Built a web-based image and video annotation platform supporting bounding boxes, polygons, polylines, and AI-assisted labeling workflows.
- Implemented advanced annotation tools using **Konva.js**, **Canvas API**, and **IndexedDB** to enable offline-first functionality.
- Migrated legacy **AngularJS** applications to modern **Web Components** using Custom Elements, Shadow DOM, HTML Templates, and ES Modules.

EDUCATION

B.Tech in Computer Science and Engineering
Aryabhatta Knowledge University (AKU), Patna

Aug 2017 - Jun 2021
CGPA: 7.98/10