|  |  |
| --- | --- |
| **Contact**  Sydney/Melbourne  +61 450452262  [LinkedIn](https://www.linkedin.com/in/kuldeepdawar/) | [GitHub](https://github.com/Kuldeepdawar)  [PORTFOLIO](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/)  Kuldeep.rajput.expert@gmail.com  **Skills**   * **Programming:** **JavaScript (ES6+), Redux, TypeScript**, **Node.js**, **React.js React Query, Next.js** * **Web Technologies: HTML5**, **CSS3/SCSS**, **Tailwind CSS**, **Bootstrap**, **Material UI**, **GraphQL**, **RESTful APIs** * **Databases: PostgreSQL**, **GraphQL** * **Testing:** **Jest, RTL, TDD, Unit Testing** * **Cloud & DevOps:** **AWS**, **Terraform, CI/CD**     **Education**  **Bachelor of Technology (Computer Science)**  Kurukshetra University - 2015  **Master of Information and Communication Technology** **(Computer Science)**  USC – Australia 2020  . | Kuldeep Singh  **Summary**  Experienced **Frontend Developer** with 5+ years of proven success delivering responsive, high-performance web applications using **React**, **TypeScript**, **Next.js**, and **Redux**. Previously worked with **Accenture** on enterprise-scale projects including **SCATS (Transport NSW)** and **Samsung eCommerce**. Adept in UI/UX collaboration using **Figma**, cloud-based deployments with **AWS**, and performance optimization. AWS Certified Developer with strong focus on clean, scalable, and maintainable frontend architecture,  **Experience**  React Full Stack Developer - Sydney  **BatteryMate** | Sydney | Jun 2023 – Feb 2025   * **Enhanced Performance with Web Vitals Optimization:** Reduced page load times by **30%** through the implementation of **code-splitting**, **lazy loading**, and **image optimization**, improving Web Core Vitals for better user experience and SEO performance. * **API Optimization with Serverless Architecture:** Achieved a **50%** improvement in API response time by utilizing **AWS Lambda** for serverless computing, ensuring faster, scalable, and cost-efficient backend services. * **Improved User Experience with Progressive Web App (PWA) Features:** Integrated **PWA** functionalities, ensuring a fast, reliable, and app-like experience on mobile and desktop devices, increasing engagement and conversions. * **Secure and Scalable Authentication with OAuth & JWT:** Implemented **OAuth 2.0** and **JWT** for secure, scalable authentication, aligning with industry standards to protect user data and streamline the sign-in process across platforms, * **Hands-On UI/UX Design with Figma:** Collaborated closely with design teams using **Figma** to create pixel-perfect UI components, ensuring seamless integration of design with development and aligning the final product with brand guidelines.     **Advanced Application Developer – SCATS**  **Accenture** | Australia | Feb 2022 – Mar 2023   * **Optimized Traffic Flow Monitoring:** Contributed to optimizing the SCATS traffic management system by implementing **Node.js**-based microservices for data processing. Reduced real-time traffic flow monitoring latency by **25%**, enhancing the system’s accuracy and responsiveness. * **Streamlined Data Integration:** Successfully integrated **IoT traffic sensors** and real-time data feeds into the SCATS platform using **Node.js** and **AWS Lambda,** enabling **real-time traffic data streaming**. This integration led to **15% reduction in system downtime**, improving traffic prediction accuracy and operational efficiency**.** * **Advanced Front-End Development:** Designed and developed dynamic **React-based user interfaces** using **Redux**, improving traffic data visualization and allowing urban planners to make more informed, faster decisions, thus enhancing the overall user experience. * **Cross-Functional Collaboration:** Collaborated effectively with data scientists, traffic engineers, and backend teams to ensure the smooth deployment of new features. This teamwork resulted in a **20% improvement in system reliability** and ensured the **on-time delivery of critical project milestone.**   **Application Developer – Samsung**  **Accenture** | Melbourne, Australia | June 2021 – Jan 2022   * **Enhanced User Experience with React & Redux:** Developed and optimized responsive user interfaces using **React** and **Redux**, improving the mobile and desktop shopping experience for Samsung's eCommerce platform, resulting in a **25% increase in user engagement**. * **Collaborative UI/UX Design Implementation:** Translated high-fidelity **Figma designs** into functional, pixel-perfect **React components** with **Redux** for efficient state management, ensuring consistency across multiple devices and platforms while maintaining seamless brand experience. * **Performance Optimization with Redux:** Reduced page load times by **20%** by implementing **Redux** for better state management, optimizing **React** performance with **code-splitting**, **lazy loading**, and efficient re-render strategies, resulting in a faster and more responsive UI. * **Data-Driven Design Iteration & A/B Testing:** Collaborated with product teams to refine UI/UX designs and conduct A/ testing, leveraging **Figma** designs and **React Redux iterations** to drive a **15% increase in conversion rates** on key product pages.   **React Developer – Reesby**  **Reesby**| Australia | Jan 2021-June 2021   * **Developed End-to-End Job Portal UI:** Designed and built a responsive, feature-rich job portal application using **React** and **Redux**, enabling smooth navigation, real-time job listings, and role-based access for job seekers and recruiters. * **Integrated RESTful APIs for Dynamic Content:** Implemented seamless integration with backend APIs to fetch and display dynamic job postings, improving data accuracy and user engagement across devices. * **Improved Design Consistency with Figma Collaboration:** Collaborated with UI/UX teams using **Figma** to deliver pixel-perfect layouts and a consistent user interface, enhancing the overall user experience and increasing time-on-site metric.   **Web Developer**  **OSPMC** | Aug 2017- Dec 2018   * **UI Developer:** Designed and implemented intuitive, user-friendly interfaces for the paramedical system using **HTML5, CSS3, JavaScript ES8, React, TypeScript**, and SASS. Collaborated with UI/UX designers using **Figma** for wireframing, prototyping, and design handoffs, ensuring efficient communication and pixel-perfect implementation.   **Key Achievement:** Enhanced the user interface, resulting in a **25% increase in user satisfaction**, especially in accessing medical reports and faculty schedules.  **Performance Optimization**: Implemented **best practices** to **optimize** **the application's performance**, enhancing page load speed and overall user experience.  **Key Achievement:** Reduced load times by **50%,** ensuring smooth performance even during high-traffic periods.  **Front-end Developer – Trainer**  **ARC Education | Mar 2016 - Jul 2017**   * **UI/UX Implementation:** Designed and developed intuitive user interfaces using**, HTML5, CSS3, and JavaScript**, ensuring alignment with UX best practices to enhance user engagement, responsiveness, and accessibility across devices. * **Cross- Browser Compatibility** Ensured seamless application functionality across multiple browsers and devices by addressing inconsistencies and implementing robust testing strategies.     **Certification**   * **AWS Certified Developer Associate (DVA-CO2) 2025** * **HashiCorp Certified: Terraform Associate 2025** * **AWS Certified Solution Architect Associate 2025** * **AWS Certified AI Practitioner AIF-CO1**   **Portfolio & Projects**   * [PORTFOLIO](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/) * [Live Pizza Shop](https://fast-pizza-delivery-cedk.vercel.app/)   **References**  Available upon request. |

.