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| **Contact**  **M:** <0450452262>  **Sydney/Melbourne**  [LinkedIn](https://www.linkedin.com/in/kuldeepdawar/) | [GitHub](https://github.com/Kuldeepdawar)  [kuldeep.rajput.expert@](mailto:      kuldeep.rajput.expert@gmail.com)  [gmail.com](mailto:      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, Java, Python * **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  **Professional Summary**  Experienced **React** **Full Stack Developer** with over **5 years of hands-on experience** architecting and delivering modern web applications using **React, TypeScript, Node.js, Next.js and AWS**. Proven success in developing secure, scalable, and high-performance systems for major clients such as **BatteryMate, Accenture, and Samsung**. Highly skilled in building responsive frontends, RESTful and GraphQL APIs, and deploying cloud-native backends using **AWS Lambda, and CI/CD pipelines**. Recognized for clean code, performance optimization, UI/UX precision, and full product lifecycle ownership. **AWS certified**, with deep experience in team collaboration, agile delivery, and modern DevOps workflows.  **Experience**  **React Full Stack Developer** **BatteryMate** | Sydney | Jun 2023 – Feb 2025   * **Reduced** page load times by 30% using **Next.js** dynamic imports and **lazy loading**, improving Core Web Vitals. * **Enhanced** API response time by 50% with **Next.js API routes** and **AWS Lambda**, enabling a scalable and serverless backend infrastructure. * **Delivered PWA functionality**, improving mobile and desktop user experience and conversion rates. * **Built** and consumed RESTful APIs to enable seamless frontend-backend communication and modular service design. * **Implemented OAuth 2.0 & JWT authentication**, optimizing secure sign-in flows for scalable applications, * **Designed** pixel-perfect UI components in collaboration with design teams via **Figma**. * **Built** and maintained CI/CD pipelines using Git (Bitbucket) and AWS CodePipeline for streamlined deployments and automated testing. * Improved **PostgreSQL** performance by 40% through schema design and query optimization.     **Full Stack Developer – SCATS** **Accenture** | Australia | Feb 2022 – Mar 2023   * **Developed Node.js microservices** using Node.js to enhance traffic monitoring efficiency and reduce system latency. * **Integrated IoT sensors and AWS Lambda** for real-time traffic data streaming**.** * **Built** dynamic, data-driven UIs with **React + Redux** for live traffic monitoring and visualization. * **Optimized PostgreSQL** queries to accelerate data retrieval and support advanced analytics. * Worked closely with cross-functional teams to enhance system reliability and streamline deployment workflows.   **Advanced Application Developer – Samsung** **Accenture – Melbourne** | Jun 2021 – Jan 2022   * **Delivered** full-stack features for **Samsung** Australia’s eCommerce site using React, Redux, and Node.js * **Built** pixel-perfect UIs from Figma designs and optimized performance with lazy loading and efficient state management. * **Integrated** **GraphQL** for fast, flexible data handling across frontend and backend. * Implemented CI/CD pipelines with Bitbucket and Docker, enabling streamlined development and deployment workflows.   **React Developer** **Reesby – Australia** | Jan 2021 – Jun 2021   * **Built** a role-based job portal with **RESTful APIs**, enhancing real-time search functionality. * **Improved** Lighthouse scores by 35% via **rendering optimization** and **UX enhancement.** * **Implemented WCAG 2.1** accessibility standards to ensure inclusive design. * **Ensured** consistent UI/UX design in collaboration with **Figma teams.**   **Web Developer** **OSPMC – Australia** | Aug 2017 – Dec 2018   * **Developed** medical **UI systems** using **React, TypeScript & SCSS.** * **Improved** page load times by 50% with **performance enhancements.** * **Led** UI redesigns, improving user satisfaction and clinical workflows.   **Frontend Developer**  **ARC Education** | Mar 2016 – Jul 2017   * **Developed** in-depth frontend development training with a focus on **HTML5 semantic structure**, **CSS3 layout techniques**, and **core JavaScript concepts.** * **Instructed** students on **industry best practices** including clean code principles, performance optimization, and **web accessibility** in alignment with **WCAG standards.** * **Implemented Git version control training**, covering workflows such as branching strategies, pull request reviews, and conflict resolution techniques. * **Conducted cross-browser and responsive testing**, ensuring consistent UI behavior across multiple devices and platforms.     **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. |

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