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| **Contact**  Australia  +61 452 492 629  [LinkedIn](https://www.linkedin.com/in/kuldeepdawar/) | [GitHub](https://github.com/Kuldeepdawar)  [PORTFOLIO](https://kuldeep-personal-portfolio-gjiu.vercel.app/)  dawarkuldeep74@gmail.com  **Skills**   * **Operating Systems:** Linux, Mac, Windows * **Databases:** PostgreSQL, GraphQL * **Languages & Frameworks:** Node.js, React-19, Next.js  **Additional Frameworks:** Redux-Thunk, React Query      * **Styling & UI Libraries:** Material UI, Bootstrap, Tailwind CSS, Ant Design * **Testing:** Jest, React Testing Library * **Web Technologies:** HTML5, CSS/SCSS, DOM, JavaScript (ES6+), GraphQL * **Cloud & DevOps:** AWS API Gateway, Docker, AWS Lambda, Terraform   **Education**  **Bachelor of Technology (B.Tech)** **(Computer Science)**  Kurukshetra University - 2015  **Master of Information and Communication Technology** **(Computer Science)**  USC – Australia 2020  . | Kuldeep Singh  **Summary**  Experienced Software Developer | 5+ Years in the Industry | 2+ Years at Accenture Australia.   * **Full-Stack Expertise:** Skilled in **React.js, Redux, Next.js, Node.js,** **Express.js, AWS, Docker, and Terraform** * **Problem-Solving & Collaboration:** Strong analytical skills with a focus on scalable, high-performance applications. * **Cloud &API Development**: Hands-on experience in **AWS services, RESTful & GraphQL APIs**, **and microservices architecture.**   **Experience**  React Full Stack Developer - Sydney  **BatteryMate** | Sydney | Jun 2023 – Feb 2025   * **API Development & Optimization**:Architected and developed scalable **RESTful** and **GraphQL** APIs using **TypeScript**, **Next.js**, **Node.js**, and **AWS Lambda**. Led **OAuth-based authentication**, **JWT authorization**, and secure user transaction management. Integrated **GraphQL** with **Next.js** to optimize data fetching and ensure seamless server-side rendering for improved performance.   **Key Achievement:** Reduced data-fetching times by 50% through GraphQL optimization and Next.js integration, enhancing the user experience and engagement in real-time features across the eCommerce platform.   * **Frontend Development & User Experience:** Developed dynamic user interfaces with React, JavaScript (ES6+), Redux, and TypeScript. Integrated GraphQL for efficient data handling and real-time updates for features like product listings and order tracking.   **Key Achievement: Reduced code complexity by 40% by adopting Redux Toolkit, improving maintainability and developer productivity and Optimized Redux Thunk for asynchronous actions, improving product data load times by 30% and enhancing user experience.**   * **Cloud-Optimized Infrastructure:** Leveraged **AWS** services like **Lambda, API Gateway, DynamoDB, EC2**, and **S3** to improve scalability, performance, and security.   **Key Achievement:** Reduced infrastructure costs by **35%** by adopting a **serverless architecture** and AWS services, improving the platform’s performance and availability.  **Advanced App Engineering Analyst – SCATS**  **Accenture** | Australia | Feb 2022 – Mar 2023   * **API Development:** Developed **RESTful APIs** using Java (Spring Boot), React for frontend, Node.js, TypeScript, AWS Lambda, optimizing traffic data processing for **SCATS projects**.   **Key Achievement:** Optimized real-time traffic data processing, reducing traffic signal adjustment latency by 25% and integrating a Java-based API that interface with AWS Lambda for efficient data flow management.   * **AWS Integration and Serverless Architecture:** Deployed AWS Lambda, API Gateway, EC2, and S3 for scalable data processing. Implemented serverless architecture for cost-efficiency.   **Key Achievement:** Achieved a 40% reduction in operating costs by adopting serverless solution.   * **CI/CD Pipeline Implementation: Developed and maintained automated CI/CD pipeline using AWS CodePipeline and GitHub Action, streamlining deployment processes and enhancing team collaboration**.   **Key Achievement: Reduced deployment time by 50% and increased release frequently through efficient pipeline automation.**  Application Developer - Samsung  **Accenture** | Melbourne, Australia | June 2021 – Jan 2022   * **API Integration**: Integrated RESTful services using Axios for dynamic data fetching without page reloads, ensuring seamless frontend-backend communication.   **Key Achievement:** Improved the e-commerce site’s response time by 30%, resulting in better user engagement.   * **Frontend Development:** Developed responsive e-commerce user interfaces using React Native, Redux, and TypeScript, enhancing the experience across multiple devices. Optimized mobile responsiveness and performance for a seamless cross-platform experience. * **Key Achievement** Increased mobile user retention by 25% through optimized, responsive UI/UX on both iOS and Android platforms, utilizing React Native for efficient, high-performance app development. * **Infrastructure Automation with Terraform**: **Managed AWS resources such EC2**, **Lambda**, **DynamoDB**, and **S3** using Infrastructure-as-Code (IaC) practices, reducing provisioning times and improving DevOps workflows.   **Key Achievement: Streamlined** infrastructure deployment and scaling, reducing provisioning times by **40%** and improving overall DevOps efficiency.   * **AWS Serverless Framework and Integration:** Deployed APIs using AWS Serverless Framework and integrated S3, EC2, AWS Amplify, Lambda, and RDS.   **Key Achievement:** Improved application stability and scalability, reducing downtime by 15%.  React Developer  Reesby | Australia | Jan 2021-June 2021   * **Dynamic Dashboard Development:** Designed and implemented a dynamic, interactive dashboard for the CRM application using HTML5, CSS3, and Bootstrap. Ensured that the dashboard was both visually appealing and highly functional, offering users real-time data insights and intuitive navigation.   **Key Achievement:** Contributed to a 20% increase in user engagement with the dashboard, as it provided intuitive data visualization, allowing users to make data-driven decisions more efficiency.   * **API Integration:** Integrated frontend components with backend APIs, ensuring seamless data exchange and functionality between the client and server. Managed data flow between the UI and server, ensuring smooth and real-time sizes updates.   **Key Achievement:** Enhanced API integration to support real-time syncing, which improved the application’s responsiveness and reduced latency by 30%.  **Web Developer** OSPMC | India | 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. This contributed to seamless navigation and improved accessibility. Collaborated closely with UI/UX designers to refine user experiences through wireframing, prototyping, and usability testing, resulting in a visually appealing, user-centric design.   **Key Achievement:** Enhanced the user interface, leading to a 25% increase in user satisfaction based on post-launch surveys, particularly in the ease of 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:** Successfully implemented UI/UX designs with meticulous attention to detail, ensuring design specifications were met and significantly enhancing the visual appeal and usability of applications. * **Performance Optimization:** Improved front-end performance by optimizing code and implementing best practices in web development, ensuring faster load times and smoother user experiences.   **Certification**   * AWS Certified Developer Associate (DVA-CO2)   **Portfolio & Projects**   * Portfolio: <https://kuldeep-personal-portfolio-gjiu.vercel.app/> * Pizza-App: [Fast Pizza Delivery](https://fast-pizza-delivery-cedk.vercel.app/)   **References**  Available upon request. |

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