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| **Contact**  Sydney  +61 452 492 629  dawarkuldeep74@gmail.com  **Skills**   * **Operating Systems:** Linux, Mac, Windows * **Databases:** MongoDB, PostgreSQL * **Programming Languages & Frameworks: JavaScript/TypeScript:** Node.js, Express.js, React,Redux, 18, React Native, Next.js, Angular **Additional Frameworks:** ASP.NET Core, Redux-Saga, React Query, jQuery      * **Styling & UI Libraries:** Material UI, Bootstrap, Tailwind CSS * **Testing:** Unit Testing, React Testing Library * **Web Technologies:** HTML5, CSS/SCSS, DOM * **Specialized Areas:** Blockchain, Docker, AWS Lamda, Azure   **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 with 5+ years in the industry, including 2 years with Accenture Australia.**   * **Expertise in Modern Technologies:** Proficient in designing and building applications using HTML5, CSS/SCSS, Tailwind CSS, JavaScript/TypeScript, React, Redux, Node.js, Next.js, Python, Express.js, Docker, AWS, and Azure. * **Agile Scrum Methodology:** Skilled in Agile Scrum practices, with experience in all stages of the software development life cycle. Proven ability to collaborate with cross-functional teams, gather client requirements, translate them into technical specifications, and drive successful execution. * **Analytical and Collaborative:** Strong analytical skills with a keen ability to understand complex client needs and deliver tailored solutions. A dedicated team player with a thorough understanding of software development processes, from client interaction to final delivery.   **Experience**  React Full Stack Developer  BatteryMate | Sydney | Jun 2023 - Jul 2024   * **API Development**: Designed and implemented scalable **RESTful APIs,** using **TypeScript**, **JavaScript (ES6+)**, and **AWS Lambda** to handle product data, user management, and order processing. Integrated with payment gateways to ensure secure transactions. * **CI/CD Pipelines**: Automated the build and deployment process using **CI/CD pipelines** with **AWS Code Pipeline** and **Jenkins**, ensuring continuous delivery of features with minimal downtime. * **Frontend Development**: Built a responsive UI using **React/JavaScript, Redux** and **TypeScript**, delivering a seamless shopping experience across devices with features like dynamic product listings, shopping cart, and order tracking. * **Dynamic Data Loading**: Implemented **AJAX** and **API Gateway** for real-time data fetching without page reloads, improving performance and user engagement. **Feature Development:** Collaborated with the product team to conceptualize, develop, and integrate new features, enhancing the product's functionality and user experience. * **Code Optimization**: Refactored code to improve performance, maintainability, and scalability, following best practices in **JavaScript (ES6+), TypeScript**, and **AWS Lambda**. * **Testing**: Wrote and maintained comprehensive unit tests using **Jest** and implemented end-to-end (E2E) tests to ensure platform stability and reliability. * **Collaboration**: Worked with cross-functional teams, including product managers, designers, and QA engineers, to deliver new features and improvements to the platform.   Advanced App Engineering Analyst - SCATS  Accenture | Sydney, Australia | Feb 2022 – Mar 2023   * **API Development:** Developed **RESTful APIs** using **Node.js**, **TypeScript**, and **AWS Lambda** to process real -time data and optimize signal timings for city-wide traffic management. * **UI/UX Development and Integration**: Design and implement a responsive user interface for SCATS projects using HTML5, CSS3, and Bootstrap. Create visually appealing layouts that adapt to various screen sizes and devices, ensuring a seamless user experience. Leverage LESS for efficient styling management. * **AWS Integration:** Deployed key components of the traffic monitoring system using **AWS Lambda, EC2, S3**, and **API Gateway** to handle large-scale data ingestion and processing. * **CI/CD Implementation:** Designed and maintained **CI/CD pipelines** using **AWS Code Pipeline** to ensure continuous integration and delivery, speeding up development cycles and reducing downtime. * **Real-Time Data Processing:** Utilized **AWS Lambda** and **API Gateway** for real-time processing of traffic sensor data, optimizing traffic flow and reducing congestion. * **Testing and Validation:** Wrote unit and integration tests using **Jest** to validate real-time data handling and accuracy, ensuring reliability of traffic signal adjustments. * **Collaboration:** Coordinated with government authorities and stakeholders to ensure the successful deployment of intelligent traffic systems.   Application Developer - Samsung  Accenture | Melbourne, Australia | June 2021 – Jan 2022   * **API Integration**: Integrated **RESTful services** to retrieve and send data between the frontend and backend. Utilized **React** with **Axios** to handle HTTP requests, ensuring that components could fetch, display, and update data dynamically without needing to refresh the page. * **Frontend Development**: Developed user interfaces using **React, Redux** and **TypeScript**, creating a responsive and interactive shopping experience. Leveraged **JavaScript (ES6+)** features for clean, efficient, and maintainable code. * **Implementing Asynchronous Features**: Utilized **AJAX** and **Promise-based** techniques to create a seamless user experience by asynchronously loading product data, user reviews, and promotional content, enhancing responsiveness and interactivity. * **Backend Development:** Developed robust backend services using **Node.js** and **Express.js**, creating **RESTful APIs** to support seamless data handling and application functionality. Integrated **AWS Lambda** for serverless architecture to improve scalability and reduce operational costs. * **CI/CD Integration:** Collaborated with DevOps teams to set up and optimize CI/CD pipelines, streamlining the deployment and integration processes for efficient software delivery. * **Data Storage and Management:** Implemented data storage solutions using **Amazon S3** for asset management and **Amazon RDS** with **PostgreSQL** for structured data storage, ensuring high availability and reliability of the database services. * **Messaging Integration:** Integrated messaging queues (MQ) and Apache Kafka APIs to enable reliable and scalable communication between system components.   React Developer  Reesby | Australia | Jan 2021-June 2021   * **Mobile CRM Application Development:** Develop and maintain mobile CRM application using React Native for both iOS and Android platforms, ensuring compatobility * **Dynamic Dashboard Development**: Design and implement a dynamic dashboard for the CRM application using HTML5, CSS3, and Bootstrap. * **Performance Optimization:** Monitored and tested application performance, identifying and addressing potential bottlenecks to ensure smooth and responsive user experiences. * **API Integration:** Integrated frontend components with backend APIs, ensuring seamless data exchange and functionality between the client and server. * **Data Management:** Managed user authentication and customer data through Redux, implementing effective state management and data flow solutions.   Web Developer OSPMC | India | Aug 2017- Dec 2018  * **Application Development:** Designed and built applications tailored to meet specific business requirements, ensuring alignment with project goals and client needs. * **API and Database Integration:** Implemented RESTful APIs and MySQL endpoints to facilitate efficient communication between frontend and backend systems. * **Website Development:** Contributed to the development and enhancement of websites, incorporating best practices for usability and performance.   Front-end Developer - Trainer  ARC Education | Mar 2016 - Jul 2017   * **UI/UX Implementation:** Implemented UI/UX designs with precision, ensuring alignment with design specifications and enhancing the visual appeal and usability of applications. * **Student Guidance:** Guided students through hands-on projects, providing practical experience in developing applications with React, Python, and Django.   **Custom Section**   * LinkedIn, https://www.linkedin.com/in/kuldeepdawar/ * GitHub, https://github.com/Kuldeepdawar * Portfolio, https://kuldeep-personal-portfolio-gjiu.vercel.app/ * NASA API, https://nasa-react-api.vercel.app/ * Gym Training App, https://gym-app-green.vercel.app/ * Plumber Website Design, https://graceful-cascaron-7058dd.netlify.app/   **References**  Available upon request. |

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