|  |  |
| --- | --- |
| **Contact**  Australia  +61 450452262  [LinkedIn](https://www.linkedin.com/in/kuldeep-rajput-b09376359/) | [GitHub](https://github.com/Kuldeepdawar)  [PORTFOLIO](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/)  Kuldeep.rajput.expert@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 CSS3, Ant Design * **Testing:** Jest, Unit Test, React Testing Library * **Web Technologies:** HTML5, CSS/SCSS, DOM, JavaScript (ES6+), GraphQL   **Education**  **Bachelor of Technology (Computer Science)**  Kurukshetra University - 2015  **Master of Information and Communication Technology** **(Computer Science)**  USC – Australia 2020  . | Kuldeep Singh  **Summary**  **Expertise**:HTML5, CSS3, **JavaScript/TypeScript**, React.js, **Redux**, Next.js, **AWS**, **Terraform**, and **CI/CD**  **API & Cloud Development**: Skilled in designing **RESTful & GraphQL APIs**, leveraging AWS services for **scalability, security, and efficiency.**  **CI/CD & Automation**: Implemented robust **CI/CD pipelines** using GitHub Actions, Jenkins, and Terraform to streamline **deployment and infrastructure management**.  **Problem-Solving & Collaboration**: Strong analytical skills with a focus on **performance optimization, security, and scalable system architecture**.  **Experience**  React Full Stack Developer - Sydney  **BatteryMate** | Sydney | Jun 2023 – Feb 2025   * **API Development**: Built **scalable RESTful & GraphQL APIs** using **TypeScript, AWS Lambda, and Next.js**, integrating **OAuth & JWT authentication** for **authentication** for secure transactions.   **Key Achievement: Optimized data fetching by 50%**, enhancing real-time eCommerce performance.   * **Frontend Development:** Developed high-performance **React & Redux Toolkit** UI with **TypeScript** using **React, Redux Toolkit**. **and TypeScript**. Integrated **PostgreSQL** 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.**   * **Cloud & Infrastructure:** Leveraged **AWS (Lambda, API Gateway, DynamoDB, EC2, S3)** for scalability and security.   **Key Achievement: Cut infrastructure costs by 35%** with a **serverless approach and automated CI/CD pipelines**.   * **Terraform & DevOps** Implemented **Terraform** for **infrastructure provisioning & management**. along with **unit testing & CI/CD** to streamline deployment.   **Key Achievement: Enhanced system reliability and deployment speed**, reducing manual errors and downtime.  **Software Application Developer – 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**.   * **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) 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/) * [LIVE GYM WEBSITE](https://gym-app-green.vercel.app/) * [LIVE PLUMBER DESIGN](https://graceful-cascaron-7058dd.netlify.app/)   **References**  Available upon request. |

.