**Kuldeep Singh**  
Senior React Developer  
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🔗 [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/)

**Professional Summary**

**Results-driven React Full Stack Developer** with a strong track record of delivering high-performance, scalable, and secure web applications. Specialized in **React.js (TypeScript)**, **JavaScript**, **Next.js**, **Node.js**, **PostgreSQL**, and **GraphQL**, with hands-on expertise in **server-side rendering (SSR)**, **RESTful and GraphQL API integration**, and **real-time data updates via WebSockets**. Proficient in deploying applications to **AWS cloud environments** and optimizing both frontend and backend performance. Holds **AWS Certified Developer – Associate** credentials. Demonstrated excellence in **Agile/Scrum teams**, secure coding, **cross-functional collaboration**, and building accessible, maintainable codebases. Committed to solving complex user and business challenges through elegant and efficient software solutions.

**Core Skills & Technologies**

**Frontend:**  
React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, HTML5, CSS3, Tailwind CSS, SCSS, Bootstrap, Material UI, React Hook Form, Zod

**Backend:**  
Node.js, Express.js, RESTful APIs, GraphQL, WebSockets, JWT, Microservices, MySQL, **PostgreSQL**

**Testing & Performance:**  
Jest, React Testing Library, Lighthouse, TDD, SSR, WCAG 2.1 Accessibility

**Cloud & DevOps:**  
**AWS (Lambda, S3, EC2, API Gateway, CloudFront, IAM, CloudWatch)**, Docker, CI/CD (GitHub Actions, Bitbucket Pipelines)

**Tools & Process:**  
Figma, Storybook, Git, Jira, Agile/Scrum, Code Reviews, Pair Programming

**Professional Experience**

**React Full Stack Developer**

**BatteryMate | Sydney, Australia**  
*Jun 2023 – Feb 2025*

* Developed a modern eCommerce platform using **Next.js**, **React (TypeScript)**, **PostgreSQL** and, enabling seamless user experiences across devices.
* Improved SEO and page load by through server-side rendering (SSR), lazy loading, image optimization, and code splitting.
* Designed **scalable GraphQL schemas** and implemented efficient **queries and mutations** to handle complex data interactions, improving performance and reducing over-fetching.
* Integrated RESTful APIs for payment gateways, logistics tracking, Firebase Authentication, and Google Analytics for enhanced user flow insights.
* Led the UI component architecture using Storybook for reusable design systems; collaborated with Figma-based mockups and ensured 90%+ unit and integration test coverage using Jest and React Testing Library.

**Full Stack Developer – SCATS (Smart Traffic System)**

**Accenture | Australia**  
*Feb 2022 – Mar 2023*

* Developed real-time traffic dashboards using React, Redux Toolkit, and WebSockets, enabling live traffic monitoring, data visualization, and dynamic updates.
* Built low-latency backend services with **Node.js** and PostgreSQL, optimizing real-time data processing, traffic signal management, and system performance.
* Enhanced frontend performance by 35% through UI optimization, lazy loading, and asynchronous rendering, ensuring **WCAG** accessibility compliance for better usability and inclusivity.
* Collaborated in Agile teams on sprint planning, code reviews, and CI/CD deployments, ensuring timely delivery, code quality, and effective team collaboration.

**Advanced Application Developer – Samsung eCommerce**

**Samsung via Accenture | Melbourne, Australia**  
*Jun 2021 – Jan 2022*

* Developed SSR-enabled eCommerce features using **React.js**, and **GraphQL** for mobile and web platforms**.**
* **Built** and maintained GraphQL APIs using **Apollo Server** and **Prisma ORM**, ensuring type safety, fast development cycles, and robust backend integration.
* Boosted **Lighthouse scores by 30%** through **Core Web Vitals** and image optimization.
* Maintained design consistency via **Figma integration** and Docker-based CI/CD pipelines.

**Web Developer – Healthcare Dashboard**

**OSPMC | India**  
*Aug 2017 – Dec 2018*

* Created responsive dashboards using **React + TypeScript** for patient monitoring systems.
* Refactored a legacy monolith into modular components, improving performance by 40%.
* Built WCAG-compliant interfaces for clinical usage.

**Frontend Developer / Trainer**

**ARC Education | India**  
*Mar 2016 – Jul 2017*

* Trained 100+ students in **HTML, CSS, JavaScript, Git**, and responsive design.
* Mentored junior developers in UI fundamentals, clean code practices, and debugging workflows.

**Education**

**Master of Information and Communication Technology (Computer Science)**  
University of the Sunshine Coast – Australia

**Bachelor of Technology (Computer Science)**  
Kurukshetra University – India

**Certifications**

* ✅ AWS Certified Developer – Associate (DVA-C02)
* ✅ AWS Certified Solutions Architect – Associate
* ✅ AWS Certified AI Practitioner (AIF-C01)
* ✅ HashiCorp Certified: Terraform Associate

### Projects

* [Portfolio](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/)Fully responsive personal portfolio showcasing live React/Next.js demos and contributions
* [Pizza Shop App](https://fast-pizza-delivery-cedk.vercel.app/)

### References

Available upon request