**Kuldeep Singh**  
**Senior React Developer**  
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🔗 LinkedIn | GitHub | [Portfolio](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/)

### ****Professional Summary****

Results-driven Senior React Developer with over 5 years of hands-on experience in building high-performance, secure, and user-centric web applications. Proficient in React.js, TypeScript, Node.js, Next.js and AWS cloud architecture. Demonstrated ability to deliver scalable full-stack solutions across industries including eCommerce, traffic management, and healthcare. Strong problem-solving, leadership, and Agile collaboration skills. AWS Certified and committed to writing clean, maintainable code.

### ****Core Competencies****

* **Frontend:** React.js, Next.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, Material UI
* **Backend & APIs:** Node.js, Express.js, Next.js, RESTful APIs, GraphQL, Serverless Architecture
* **Cloud & DevOps:** AWS (Lambda, S3, EC2, CloudFront, IAM, CloudWatch, CodePipeline), Terraform, Docker, GitHub Actions, Bitbucket Pipelines
* **Databases:** PostgreSQL, MySQL, SQL
* **Testing & Quality:** Jest, React Testing Library, TDD, WCAG Compliance, Lighthouse Optimization
* **Tools & Practices:** Git, Figma, Jira, VS Code, Agile/Scrum, CI/CD, SDLC, Pair Programming, Cross-functional Collaboration

### ****Professional Experience****

**React Full Stack Developer**  
**BatteryMate**, Sydney, Australia • Jun 2023 – Feb 2025

* Reduced page load time by **30%** using dynamic imports and React lazy loading.
* Enhanced serverless performance by **50%** via AWS Lambda and optimized API routes.
* Implemented **PWA features**, driving a measurable increase in mobile engagement.
* Integrated **JWT & OAuth 2.0** for secure authentication and session management.
* Designed reusable, WCAG-compliant UI components using Figma and React.
* Led CI/CD implementation via **Bitbucket Pipelines** and **AWS CodePipeline**.
* Optimized PostgreSQL queries and indexing, improving response time by **40%**.

**Full Stack Developer – SCATS Project**  
**Accenture**, Australia • Feb 2022 – Mar 2023

* Developed Node.js microservices for **real-time traffic analytics**.
* Integrated **AWS IoT Core** and Lambda for scalable sensor data processing.
* Built React dashboards with Redux and WebSocket for live visualizations.
* Tuned PostgreSQL databases for **large-volume datasets**.
* Actively contributed in **daily standups, sprint planning**, and cross-functional collaboration.

**Advanced Application Developer**  
**Samsung (via Accenture)**, Melbourne, Australia • Jun 2021 – Jan 2022

* Delivered feature-rich **eCommerce modules** using React, Node.js, GraphQL.
* Implemented frontend optimizations like lazy loading and **code splitting**.
* Automated build and deployment workflows using Docker and Bitbucket CI.

**Web Developer**  
**OSPMC** • Aug 2017 – Dec 2018

* Created interactive medical dashboard UIs using React + TypeScript.
* Refactored legacy systems to reduce page load times by **50%**.
* Spearheaded a UI/UX redesign initiative to enhance clinician efficiency.

**Frontend Developer / Trainer**  
**ARC Education** • Mar 2016 – Jul 2017

* Trained students in HTML, CSS, JavaScript, responsive design.
* Mentored junior developers in Git workflows and web accessibility standards.

### ****Education****

**Master of Information and Communication Technology (Computer Science)**  
University of the Sunshine Coast – Australia, 2020

**Bachelor of Technology (Computer Science)**  
Kurukshetra University – India, 2015

### ****Certifications****

* **AWS Certified Developer – Associate (DVA-C02)**, 2025
* **AWS Certified Solutions Architect – Associate**, 2025
* **HashiCorp Certified: Terraform Associate**, 2025
* **AWS Certified AI Practitioner (AIF-C01)**

### ****Projects****

* [Portfolio Website](https://kuldeep-personal-po-git-610811-kuldeep-singhs-projects-70007c55.vercel.app/)
* [Pizza Shop App](https://fast-pizza-delivery-cedk.vercel.app/)

### ****References****

Available upon request