**Kuldeep Singh**

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| **BatteryMate – Sydney Australia** | **Mobile - 0452492629** |
| **Full Stack Developer** | **Email–** [**kuldeepdawar47@gmail.com**](mailto:kuldeepdawar47@gmail.com) |

# EXPERIENCE SUMMARY

* **5+ years** of experience in Software Developer. Worked for **2 years** with **Accenture Australia.**
* A skilled programmer with a flair for adopting modern technologies, designing and building applications in **HTML5, CSS/SCSS, TailwindCSS, JavaScript, React 18, Node JS, Next JS, ASP.Net Core (C#), Express JS, docker, AWS, Azure**
* Worked on Agile Scrum methodology. A Keen Analyst and Team Player with thorough understanding of all aspects of the software development life cycle from understanding client requirements through direct client interaction, translating them into technical specifications and driving their execution.

# EDUCATIONAL QUALIFICATIONS

* Bachelor of Engineering (Computer Science), Kurukshetra, India.
* Master of Information and Communication Technology, UniSC, Australia

# TECHNICAL SKILLS

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| **Operating Systems** | Linux, MacOS, Windows |
| **Tools/Cloud** | GitHub, Gitlab, Bitbucket, Jenkins, Git, NPM, Yarn Docker, JIRA and Confluence, Azure, AWS |
| **Frontend-Technologies** | React 18, React Native, Next JS, Typescript/JavaScript, ASP.Net Core (C#), Python, Material UI, Bootstrap, Redux-Saga, jQuery, Context API, React Query, Microservices |
| **Backend** | Node JS, Express JS |
| **Database** | MongoDB, PostgreSQL |
| **Testing** | Jest, Unit, React Testing Library |
| **Miscellaneous** | React JS, Angular, HTML5, CSS3, Java Script, AJAX, JSON. |

**PROJECT**  **EXPERIENCE**

**BatteryMate – Sydney Australia March 2024 – Present**

**Role: Full Stack Developer**

**Technologies:** React, Typescript/JavaScript**,** CSS/SCSS, NodeJS, Terraform, Azure App Service, Azure Cosmo DB, Postman, Redux, Unit Testing, ASP.NET Core (C#), REST APIs, NoSQL, SQL Server, Microservices

**Description**: I work on building, maintaining, and enhancing e-commerce platform and related functionalities. Here are the specific responsibilities.

**Responsibilities**: Myresponsibilities as a Full Stack Developer in the current assignment are:

* Designing and implementing user interfaces (UI) for ecommerce website and developing responsive web pages for different devices.
* Building server-side applications and APIs to support ecommerce functionalities using ASP.NET Core
* Implementing business logic, data validation, and database interaction (CRUD operations) to manage product catalogs, user accounts and order payments.
* Integrating with third-party services such as payment gateways and implementing security measures to protect sensitive data.
* Manage and optimize databases using PostgreSQL, MySQL, and SQL Server.
* Setting up deployment pipelines and continues integration/continues deployment (CI/CD) processes to automate the deployment of updates and new features.
* Performing manual and automated testing to identify and fix bugs and usability issues.
* Provide mentoring and training, and coordinate with junior staff and stakeholders.

**OSPMC – Freelance June 2023 – Feb 2024**

**Client – OSPMC**

**Project: Para Medical College**

**Role: React Developer**

**Technologies Used:** React 18, JavaScript, TypeScript, ASP.NET Core, Azure Cloud, TailwindCSS, REST APIs, Bitbucket, Node, MSCRM

**Responsibilities**: Myresponsibilities as a React Full Stack Developer in the current assignment were:

* Design, build and configure application to meet business process and application requirements.
* Contributing to the development of website and built modular and reusable components using React.js, following best practices for code structure and organization.
* Participate in team stand-ups and Agile ceremonies including backlog grooming session, sprint planning, and sprint retros.
* Building RESTful APIs and handle data exchange between the front end and back end.
* Designing database schemas, optimizing queries, and ensuring data integrity, considering sensitive healthcare data.
* Handle authentication, authorization, and session management for secure access to OSPMC data and functionalities.

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

**Client – STATE OF NEW SOUTH WALES**

**Project: TFNSW (Transport for New South Wales) – SCATS (Sydney Coordinated Adaptive Transport System) Product Develop**

**Role: React Full Stack Developer**

**Technologies Used:** React 18, JavaScript, Angular, TypeScript, REST APIs, ASP.Net Core (C#), Context API, React Query, Bitbucket, Redux, Node JS Jest, Docker, API Gateway, AWS S3, Microservices

**Description**: I worked on multiple components of application code across one or more clients. Perform maintenance, enhancements, and development work.

**Responsibilities**: Myresponsibilities as a React Full Stack Developer in the current assignment were:

* Developed user interfaces using React.js for web-based applications that interact with SCATS systems.
* Worked closely with UX/UI designers to translate designs into functional user interfaces.
* Optimize frontend performance for fast loading times and smooth user experience.
* Developed server-side logic using Node.js or other backend technologies to support frontend applications.
* Implement RESTful APIs or MongoDB endpoints for communication between frontend and backend systems.
* Handle authentication, authorization, and session management for secure access to SCATS data and functionalities.
* Designed and optimized database schemas to store traffic data, user information, and system configurations.
* Ensure data integrity, consistency, and security through proper database management practices.
* Conducted manual testing and debugging to identify and fix issues in the frontend and backend code.
* Assist in deploying frontend and backend applications to development, staging, and production environments.
* Collaborating with DevOps to set up CI/CD pipelines, enabling automating and deployment.



**Accenture – Sydney Australia June 2021 – Jan 2022**

**Client - SAMSUNG**

**Project: Samsung Capacity**

**Role: React Full Stack Developer**

**Technologies Used:** React, JavaScript, TypeScript, Redux-Saga, React Query, ASP.Net Core (C#), Tailwind CSS, Nodejs Postman, Rest API, GraphQL, Docker, Bitbucket, Jest, Azure, Microservices

**Description**: I worked on the end-to-end development of Samsung projects and developed server-side logic and RESTful APIs using Node JS and Express JS.

**Responsibilities**: My responsibilities as an React Full Stack Developer in the current assignment were:

* Building and maintaining backend services using MongoDB, PostgreSQL to enable seamless data exchange between the client and server.
* Develop RESTful APIs using Node.js and Express.js to handle user registration, login, and authentication for Samsung customers.
* Collaborating with DevOps to set up CI/CD pipelines, enabling automating and deployment.
* Participate in team stand-ups and Agile ceremonies including backlog grooming session, sprint planning, and sprint retros.
* Write Jest or React Testing Library tests to validate user interactions, form submissions, and API responses on the Samsung eCommerce website.
* Implemented security best practices to protect user data and prevent security vulnerabilities.
* Conducting code review and monitored junior developers, contributing to team growth and code quality improvements.



# Reesby –Australia (Internship) Jan 2021-June 2021

**Project: CRM Live Project**

**Role: React Full Stack Developer**

**Technologies Used:** React, Redux, MSCRM, TypeScript, MongoDB, Node.js, Jest

**Description:** I worked on CRM Project, React (front end), AWS, TypeScript, MongoDB, Node+ etc.

**Responsibilities:** Myresponsibilities as a React Full Stack Developer in the current assignment were:

* Developed user interfaces for CRM functionalities using React.js and Redux for state management).
* Monitored and tested application performance to identify potential bottlenecks, develop solutions, and collaborate with developers on solution implementation.
* build a system for managing customer interactions and transactions on an online store
* Integrate frontend components with backend APIs to fetch and update CRM data.
* Used Redux to store and manage user authentication state, customer data, and filter criteria for search functionalities.



# OSPMC - India Aug 2017- Dec 2018

**Project:** Para Medical Website

**Role:** Advanced Application Developer

**Technologies Used:** HTML5, CSS, JavaScript, React, MSCRM, TypeScript.

**Description:**  I worked on Medical Website and managed Google AdWords for client.

**Responsibilities:** My responsibilities as an Application Developer in the current assignment were:

* Design, build and configure application to meet business process and application requirements.
* Implement RESTful APIs or MySQL endpoints for communication between frontend and backend systems.
* Contributing to the development of website and built modular and reusable components using React.js, following best practices for code structure and organization.
* Collaborating with DevOps to set up CI/CD pipelines, enabling automating and deployment

# ARC EDUCATION Mar 2016 - Jul 2017

**Role: Front-end Developer - Trainer**

**Technologies Used:** HTML5, CSS3, JavaScript, TypeScript, C/C++, Excel, Xero, MYOB

**Description:**  I worked as a Front-end Developer - Trainer.

**Responsibilities:** My responsibilities as a Front-end Developer in the current assignment were:

* Developed user interfaces using Front-end technologies for web-based applications.
* Instruction students on how computer work, including the basic science and mathematics behind their operation and the software built on those foundation.
* Teach how to write code for computer language, programming language and algorithms.
* Perform different kind of functionalities design website including Front-end and Excel
* Find problems and fix different types of error for students.



## PROJECTS

1. **Portfolio Link -** [**https://kuldeep-personal-portfolio-gjiu.vercel.app/**](https://kuldeep-personal-portfolio-gjiu.vercel.app/)

**Technologies Used:** React, Next.js, Framer Motion, TypeScript, Tailwind CSS, Email

**Referee**

Available upon request.