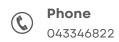
ALICE WANG







SUMMARY-

- Full-stack Software Engineer with 2+ years of experience delivering production-grade web and cloud applications
- Skilled in building scalable systems, integrating APIs, and automating business workflows
- Hands-on experience in electricity billing, metering data analysis, and real-time platforms at Gentrack
- Proficient in debugging complex issues and optimizing performance across front-end and back-end systems
- Passionate about clean architecture, data-driven solutions, and improving operational efficiency in the energy sector
- Passion for software development and keen to expand knowledge with a can-do attitude
- Excellent communications skills, creative problem solver, proactive listener, and the ability to work in a team or individually

TECHNICAL SKILLS-

Languages & Scripting: JavaScript, TypeScript, SQL, HTML, CSS, GenBasic

Frontend: React.js, Next.js, Bootstrap, Tailwind CSS **State Management:** Redux, Zustand, React Query

Cloud Platforms: AWS (EC2, S3, Lambda, CloudWatch, IAM), Databricks

Databases: SQL Server, PostgreSQL

CI/CD & DevOps: Git (GitHub, GitLab, Bitbucket), Jenkins, Git Bash

OS & Shell: Unix/Linux, Ubuntu, Shell scripting

Testing: React Testing Library, Unit Testing, Integration Testing

Agile Tools: Jira, Confluence, Scrum methodology

Category: Technologies

PROFESSIONAL EXPERIENCE - Gentrack Ltd (Global) Melbourne

2023 JULY - Present

- Develop and maintain critical software systems for utility clients, with a focus on performance, scalability, and billing accuracy.
- Design, document, and deliver enhancements using tools such as AWS, Jenkins, Bitbucket, and Git Bash, contributing to smooth CI/CD pipelines and stable releases.
- Write complex SQL queries and debug data-related issues across multiple environments to support accurate reporting, invoicing, and regulatory compliance.
- Provide support for internal QA (IQA), conducting exploratory and regression testing to identify and resolve issues pre-release.
- Identified and resolved billing defects during sprint planning, reducing post-release incidents and operational risk.
- Improved system efficiency by refactoring legacy logic, lowering maintenance cost and developer workload.
- Supported delivery of new energy products that enhanced billing accuracy and contributed to client revenue growth.
- Recognised for adaptability in taking ownership across multiple feature areas and assisting during critical delivery deadlines.

ACHIEVEMENTS

 HELPED MAINTAIN STABLE SYSTEMS AND DELIVERED NEW FEATURES WITH AWS AND SQL, KEEPING CLIENT SATISFACTION ABOVE 95%.

PROJECTS -

Energy Australia - Solar Battery & Battery Ease Project

- Played a key role in the development and implementation of Energy Australia's new solar battery product and the Battery Ease initiative in South Australia.
- Configured product rates and set up system integrations to ensure seamless billing and customer account management.
- Designed and implemented a new bill template and customer welcome letters, improving communication and user experience.
- Collaborated with cross-functional teams to ensure regulatory compliance, billing accuracy, and a smooth customer transition to the new product.

Full Stack E-Commerce App

- Built and deployed a scalable e-commerce platform using Next.js 13, Sanity, and Stripe.
- Implemented React Server Components and optimized data fetching for a seamless user experience.
- Managed product data with Sanity CMS and performed complex queries using GROQ.

Personal Portfolio Website ((React.js, CSS, SwiperJS)

- Built and deployed a React.js portfolio website using the React Icons library as part of my personal portfolio project.
- Gained experience with the useState hook, modern website design with CSS.
- Implementing SwiperJS for carousels/slides, and integrating multiple contact options.

EDUCATION-

- Equivalent Experience in Software Engineering and Development
- Zero To Mastery Academy
 - Data Structures + Algorithms: Mastered key concepts like arrays, linked lists, sorting algorithms, recursion, and dynamic programming.
- Generation Australia
 - Junior Web Developer Bootcamp: Full-stack web development fundamentals, including HTML, CSS, JavaScript, and backend technologies.
- FreeCodeCamp
 - Front End Development Libraries Certification (React):Built modern web applications using React.
 - Legacy Responsive Web Design Certification:Learned responsive design principles using CSS frameworks.
 - JavaScript Alogorithms and Data Structures Certification: Gained expertise in JavaScript fundamentals and algorithms.

REFERENCES

Available Upon Request