

# ANSH GUPTA

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## Software Engineer Highlights

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- Software engineer with 1 year of experience in designing and building web-based applications such as ordering portals with analytics and collaborative SaaS platform for startups using React + Redux, MySQL, and Google Cloud.
- Improved code quality in the codebase by standardizing code formats, code optimization, SOLID principles and introducing changes to application architecture.

**Skills:** *React.js, Node.js, JavaScript, MySQL, Firebase, HTML, CSS (Tailwind CSS, LESS)*

## Experience

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### Software Engineer

**Oct 2023 – Present**

*Fair Share Group, Melbourne*

- Spearheaded the UI redesign for a SaaS product using Figma in collaboration with UI/UX designers and the product team resulting in 100% approval from all stakeholders.
- Led the migration of the application front-end from Flutter to React (TypeScript) for faster development and delivery, reduction in project timeline by 11 days and better adherence to industry performance standards.
- Reduced the risk of fatal errors in production and increased speed of development by wrapping application in feature flags using Google Cloud Remote Config. This allowed team members to work on different parts of the application in parallel and address critical issues without affecting current user experience.

### Software Engineer

**May 2023 – Sep 2023**

*AML Cloud, Melbourne*

- Reduced dashboard load-time by 1 second implementing caching to store search history data using Firebase SDK's in-built persistence.
- Implemented rate limiting logic in Node.js and Google Cloud function calls to reduce third-party API costs.
- Facilitated a faster onboarding process by helping interns understand the codebase and set up the development environment.

### Junior Software Developer

**Jan 2023 – May 2023**

*Fair Share Group, Melbourne*

- Secured data reliability throughout the application by crafting context-based stateful widgets, leading to a 15% reduction in data-related errors and bolstering overall system stability.
- Enhanced user experience by implementing data-driven UI widgets for real-time Firebase updates, resulting in a 20% increase in user engagement and improved overall app responsiveness.
- Refactored code to follow SOLID principles making the code future-proof and atomic.

## Education

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### Master of Computer Science

**2021 – 2022**

University of Wollongong

### Bachelor of Business Administration

**2016 – 2019**

Institute of Leadership Entrepreneurship and Development

## Notable Projects

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### Wholesale Ordering Portal

**Dec 2023 – Present**

*Deer Park, VIC*

- Created an ordering portal with an analytics dashboard for a wholesale manufacturer that allows their customers to place orders, view order histories, and allows employees to see insights about orders.
- The platform converts a tedious form into a multi-step form reducing the time taken to place the order by on-site employees and saves around 15 minutes of manual data entry for every order.
- Utilized: *Django, MySQL, React.js, React Hook forms, Zustand, HTML, CSS, Figma, Tailwind CSS.*

### Layout Generator for Centro CBD

**Sep 2023 – Oct 2023**

*Wollongong, NSW*

- Developed an application that generates a layout for concerts based on bookings. This application is regularly used by Centro CBD restaurant and function centre, Wollongong.
- This project saves the function centre 30 minutes of manual work by automating the entire process with a single file upload.
- Utilized: *React.js, Zustand, DataForge.js, Tailwind CSS.*