ANSHUMAN GUPTA

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Experience

Software Engineer Team Lead   **Oct 2023 – Present**
Fair Share Group, Melbourne

- Spearheaded the UI redesign for the application in collaboration with UI/UX designers and the product team resulting in 100% approval from all stakeholders.
- Led the migration of the application architecture, implementing cutting-edge frameworks to expedite development, resulting in a 30% reduction in project timelines and increased adaptability to industry standards.
- Streamlined development workflows by introducing efficient CI/CD pipelines, reducing deployment time by 40% and enhancing overall software delivery efficiency.
- Reduced time taken for first contribution by newly onboarded developers by 25% by creating and implementing code standards and best practices documentation, thus expediting the team's learning curve.
- Directed the development process and produced the product release before the deadline.

Software Engineer   **May 2023 – Sep 2023**
AML Cloud, Melbourne

- Enhanced application performance by 30% by implementing caching and better routing methods.
- Improved readability and future support drastically by splitting code into smaller components and as a result increased development speed.
- Reduced API costs by 25% by implementing rate limiting logic in Node.js and Google Cloud function calls.
- Designed and implemented a data-driven dashboard that shows real-time updates on key metrics.
- Collaborated with interns and hosted weekly meetings to help them understand the application and the technologies.

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.
- Reduced error rate by 40% by refactoring code and eliminating errors caused by edge cases.
- 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

Master of Computer Science   **2021 – 2023**

University of Wollongong

Bachelor of Business Administration   **2016 – 2019**

Institute of Leadership Entrepreneurship and Development

Key Skills

Programming Languages:
- Python
- JavaScript
- TypeScript

Backend Development:
- Django
- Flask
- Node.js (Express.js)

Web Technologies:
- HTML
- CSS (Tailwind CSS)
- React

Database Management:
- SQL (MySQL)
- NoSQL (Firestore)

Cloud Technologies:
- AWS
- Google Cloud platform

Other:
- RESTful APIs
- Agile/Scrum
- Docker

Software Projects

Portfolio website
- Developed a website to showcase my skills and personal/freelance projects.
- <u>Utilized:</u> *React.js, Framer Motion, HTML, Tailwind CSS (www.ansh-dev.com)*.

Rental Platform for Instrument Rentals Web Application
- Developed a web application using Django Rest Framework and React.js that allows users to create, update, delete, and browse rentals on the platform (*https://muso-frontend.onrender.com*).
- <u>*Utilized:*</u> *Python, Django, React, AWS, OpenCV, REST API, PostgreSQL, HTML, Tailwind CSS*.

Layout Generator for a Concert Hall
- 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 NSW (*https://centrocbd.netlify.app*).
- <u>Utilized:</u> *React.js, DataForge.js, Tailwind CSS*.

Website for a bakery in India
- Developed a catalogue website using React.js and Strapi Headless CMS (*https://www.kocoamania.com*).
- <u>Utilized:</u> *Vanilla JavaScript, React, REST API, Strapi CMS, HTML, CSS, Git, VPS deployment*.