

# Anuj Khurana

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## EDUCATION

### Griffith University, Gold Coast, Australia

Master of Information Technology in Software Development and Support

Mar 2022 - Jan 2023

GPA: 5/7

Coursework: Problem-Solving, Object-oriented Programming, Data Structures & Algorithms, Networking & Security, Software Testing

### GGSIIP University, Delhi, India

Bachelor of Arts in Mass Communication

Mar 2016 - Mar 2019

## SKILLS

**Programming languages:** Python, Swift, JavaScript, Typescript, PHP, SQL, JSON, XML, YAML, R

**Frameworks:** React, Vue.js, Node.js, Express.js, MySQL, HTML, CSS, MongoDB, Sanity, Tailwind CSS, Larvel

**Tools:** Docker, Kubernetes, AWS, Git, Github, Gitlab, OWSAP ZAP, Gephi, Rstudio, Wxbuilder, Figma, Windows, Mac, Linux

**Skills:** Frontend, Backend, DevOps, REST API, CI/CD, Data Analysis, Database Design, Big-Data, Cloud Computing, UI-UX Design, Agile

## EXPERIENCE

### Gilmour Space Technologies – Software Developer Internship

Jul 2023 – Oct 2023

Gold Coast, Australia

- Led the conceptualization and development of an intuitive representation, enriching comprehension of intricate data structures.
- Utilized **Vue3** and **TypeScript** to craft a modern solution, achieving a notable 30% reduction in loading times compared to the previous system.
- Implemented **Tailwind CSS** and **HTML Canvas**, driving a substantial 40% increase in user engagement and satisfaction.
- Leveraged **D3.js** to deploy a Component Tree-Chart, markedly enhancing visualizations and reducing user error rates by 25%.
- Delivered a visually impactful solution, resulting in a commendable 20% increase in user adoption.

### Go Golfing – IT Support

Apr 2022 – Aug 2022

Gold Coast, Australia

- Spearheaded efforts to elevate Go Golfing's online visibility, generating a commendable **15% increase** in website traffic.
- Conducted comprehensive updates and optimizations, yielding a significant **20% improvement** in website loading speed.
- Played a pivotal role in optimizing **WordPress**, significantly enhancing SEO and overall website performance.

### Goldfish Technologies – UI/UX Developer

Mar 2020 – Jan 2021

Delhi, India

- Revamped a native **iOS** application, contributing to an impressive **4.0-star** rating on the App Store.
- Collaborated on the development of client-side web applications, leading to a substantial **30% increase** in user interaction.
- Applied a meticulous approach to user cases and **UX** components, ensuring a seamless and intuitive user experience.
- Enhanced website functionality through strategic use of **HTML**, resulting in heightened user engagement and satisfaction.

## PROJECTS

### NSW Traffic Data Analysis Desktop App [\[link-to-github\]](#)

- Led the development of a **Python-based** data analysis application, utilizing key libraries such as **NumPy**, **Matplotlib**, **Pandas**, and **WxFormBuilder** to implement robust data analysis and visualization features.
- Extracted insights from New South Wales, Australia Traffic data, showcasing the ability to derive meaningful information for decision-making.
- Showcased expertise in data science tools, ensuring a high level of precision with a focus on continuous improvement.
- Delivered a comprehensive solution that deepened understanding of NSW Traffic patterns, highlighting analytical skills.

### PinBoard Social Media Web-App [\[link-to-github\]](#) [\[visit website\]](#)

- Developed a full-stack social media web application, akin to Pinterest, using **React.js** for the front end and **Tailwind CSS** for styling, offering users the ability to share images with associated links and engage through comments.
- Integrated **Sanity.io** as the backend CMS to manage content and user data efficiently. Leveraged Sanity's flexible schema and content modelling capabilities to store and retrieve user-generated content, comments, and metadata.
- Implemented responsive design principles to optimize the user experience across various devices and screen sizes, enhancing accessibility and usability for all users. Deployed the application to production environments using Netlify, ensuring high availability and reliability.

### iOS APP [\[link-to-github\]](#)

- Created two iOS apps as part of a collaborative GitHub repository, using XCode and **Swift**, accumulating over 1,000 Stars, indicating a positive reception within the developer community.
- Developed basic apps for students, earning a 90% positive feedback rate, showcasing an ability to simplify complex concepts for learning.
- Implemented regular updates and maintenance, ensuring compatibility with the latest iOS versions and devices.

## PROFESSIONAL DEVELOPMENT

### International Student Merit Scholarship

Recognized for academic excellence, awarded the International Student Merit Scholarship during the master's program at Griffith University.

### Australian Computer Society (ACS) Membership

An active member of the Australian Computer Society, participating in networking events and staying abreast of industry trends and advancements.