

LUCAS BARBOSA

ENGINEERING (HONOURS) AND COMPUTER SCIENCE

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ABOUT ME

Technical Skills React/Solid/Vue, Node, JS/TS, SQL, noSQL, Python, PHP, C/C++, Linux, k8s, Redis, DevOps
Languages Fluent in English and Portuguese
Interests Investing, Cinematography, Surfing, Design, Poker, Tennis, Hiking, Drive-in movies, Comedy

WORK EXPERIENCE

Software Engineer

PwC

Sydney, NSW (May 2022 – present)

- Developer of PwC's [Smart Audit Platform](#), a real-time collaboration platform supercharging audit workflows, enabled by 40+ microservices and cloud-based AI.
- Led the end-to-end development lifecycle across APAC and US territories, from conceptualisation to deployment, ensuring the platform met the highest standards of performance, reliability, and security.
- Author of thought-leadership whitepapers exploring new cutting-edge technology.
- Innovated engineering strategy, tooling, processes, and culture within the organisation.

Founder

Grape

Sydney, NSW (July 2022 – present)

- Established Grape, a bespoke software development firm specialising in advanced productivity solutions for private clients.
- Led the development of advanced web applications and backend systems laying the foundation for iterative development and scalability.
- Applied cutting-edge domain and technical knowledge into product development, ensuring relevance and competitiveness in the fast-paced tech industry.

Lead Engineer

Progue Chartered Accountants Pty Ltd

Sydney, NSW (July 2021 – April 2022)

- Spearheaded automation initiatives to optimise tax accountancy workflows, leveraging innovative solutions to streamline processes and enhance efficiency, reducing non-billable hours.
- Developed a cutting-edge web platform to revolutionise productivity applications, custom-tailored to meet business needs. Implemented advanced deployment strategies leveraging full-managed Kubernetes cloud deployment, ensuring rapid iteration and scalability.

Product Designer

Cercle

Sydney, NSW (Nov 2021 – April 2022)

- As a product owner, conducted in-person and online user testing and QA to enhance user engagement.
- Worked on conceptualising new ideas for future iterations of the product in a highly collaborative startup environment.

Software Developer

Cercle

Sydney, NSW (August 2021 – March 2022)

- Built a mission-critical web application on AWS infrastructure to ensure the reliability of a high-demand product launch.

Freelance Developer

Various clients

Sydney, NSW (October 2016 – April 2022)

- Proactively handled all verbal and written communications between hosting companies, clients and vendors.
- Completed over 100 personal projects with different sizes and technologies. Some are open source on github.com/lbxa. I also regularly undertake paid contract development.

EDUCATION

University of New South Wales

Sydney, NSW (2019 – Present)

- B Eng (Honours) and Computer Science
- HD WAM average for core computing subjects
- Achieved a mark of 99/100 in Data Structures and Algorithms