

JACOB BOOTH

FULL STACK WEB DEVELOPER

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REACT SPECIALIST

BACHELOR OF COMPUTER SCIENCE STUDENT

CONTACT

Name	Jacob Booth	Portfolio	https://jsbdev.vercel.app/
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Summary

I'm a dedicated and methodical professional with a diverse skill set in computer science and multimedia production. Having worked in various industries, I easily adapt to new work environments. I thrive in both collaborative and focused settings, building robust relationships with clients and colleagues.

EDUCATION

VCE Units 1 – 4	Diploma of Information Technology	Bachelor of Computer Science
Bayside 10-12, Paisley 2016 – 2017 (complete)	Deakin College, Geelong 2021 – 2022 (complete)	Deakin University, Cloud 2023 - 2026 (2 nd year)

SKILLS

Computer Science and Web Development

- ❖ Robust understanding of full stack project planning, design, development, testing, and deployment, with industry best practices regarding semantic UI/UX design and development, responsiveness, SEO, API standards, and web communication protocols
- ❖ Comprehensive experience with web framework development including React, Vue3 and Next.js v13/14
- ❖ Well-versed in HTML, CSS, JavaScript (incl. Node.js) and TypeScript
- ❖ JS Library proficiency (jQuery, Redux, TipTap.js, ReactFlow) and CSS library proficiency (MUI, tailwind)
- ❖ Proficient in Object-Oriented Programming (JavaScript, C++, C#, Java, Python, R)
- ❖ Experience with AWS EC2, VMs, structured security groups, AMIs, auto-scaling, and load-balancing
- ❖ SQL and NoSQL database design, MySQL, MongoDB
- ❖ Dev Ops experience with Git version control, branching, and CI/CD pipeline configuration with GitHub Actions
- ❖ Production experience with Adobe Photoshop/Illustrator, Unity, GIMP Photo Editor, Inkscape
- ❖ SDN / classical network testing and analysis (Wireshark, CISCO Packet Tracer, Mininet, ONOS, iperf, jperf)
- ❖ Previous experience with CMS platforms (WordPress, Shopify, Wix, MailChimp)

Transferable and Soft Skills

- ❖ Excellent problem-solving and methodical planning skills
- ❖ Refined ability to translate abstract requirements into an actionable product outline
- ❖ Enthusiasm to acquire new skills and further my development
- ❖ Adaptive presentation and work mode as required
- ❖ Personable and helpful personality

PROJECTS

Diat

Rich drag-and-drop project planning

[Website](#)[Demo](#)[GitHub](#)

A full stack Next.js project for creating visual diagrams with rich-text functionality, image imports, and dynamic URL summaries.

Applicate

Collaborative rich text editing

[Website](#)[Demo](#)[GitHub](#)

A full stack MERN application for real-time collaborative rich text editing.

JSBDev

My Portfolio

[Website](#)[Demo](#)[GitHub](#)

A React.js app to showcase my creative style and web development projects

PROFESSIONAL EXPERIENCE

Stimulus Engineer

Freelance

In this role, I transformed abstract client needs into 130 animated variants for an honours-level psychological experiment (HREC Approval No. 855250923). Unique, consistent animations were required, improving upon previous research with minimal graphical reference. I meticulously followed strict mathematical and operational guidelines to ensure the reliability and standardisation of the study's visual assets.

2023

Multimedia Production, Advertising Developer

Freelance

I developed a freelance business focusing on Facebook advertising and brand media development. I crafted customised advertising campaigns for Facebook/Instagram, involving audience segmentation, release scheduling, and split-testing, along with creating media releases like videos, images, and graphics. My role involved deep branding assessments to transform specific client needs into engaging visual assets (and audiences), significantly boosting their online presence and contributing to the success of key client milestones.

2018 - 2020

Research Interviewing, Administration

Roy Morgan

In this role, I adeptly managed the collection and entry of confidential information, ensuring data integrity for processing by the analytics team. My effective and reassuring communication skills were key in maintaining data accuracy, significantly contributing to positive outcomes in Roy Morgan's research and enhancing our client market strategies. My efforts consistently left lasting positive impressions, bolstering the company's reputation and research capacity.

2022 - 2023