

CONTACT

Name	Jacob Booth	Portfolio	https://jsbdev.vercel.app/
Phone	0420 609 787	LinkedIn	https://www.linkedin.com/in/jacob-booth-1a9390233/
Email	jsb-dev@outlook.com	GitHub	https://github.com/jsb-dev

SKILLS

- Summary**
- I'm a dedicated, passionate, and creative tech professional with a diverse skill set in computer science and multimedia production. Having worked in various industries, I have extensive experience with iterative work environments and requirements. I thrive in collaborative and focused settings, building robust relationships with clients and colleagues.
- Proficient in HTML, CSS, JavaScript (incl. Node.js, TypeScript), web frameworks (React, Next.js, Vue.js), state management (Context API, Redux, Vuex).
 - Comprehensive SPA development experience, CMS platforms (WordPress, Shopify, Wix, MailChimp).
 - Deep understanding of Accessibility best-practice (ARIA roles, responsiveness, semantic HTML), SEO rendering considerations (SSR/SSG vs CSR).
 - Extensive experience with API design (Express.js, GraphQL, ASP.NET Core), REST, information system security practices.
 - Working knowledge of cloud services (AWS EC2, S3), serverless architecture (Azure Functions, AWS Lambda).
 - Strong familiarity with relational SQL (MySQL), NoSQL (MongoDB) practices.
 - Skilled in Git, CI/CD pipelines (GitHub), containerization (Docker), basics of orchestration (Kubernetes).
 - Experienced with hosting deployment (Heroku, Vercel).
 - Thorough exposure to SDN (Mininet), classical network testing, analysis tools (CISCO, Wireshark), frameworks (Jest, Mocha, Selenium).
 - Strong understanding of system architecture (Monolithic, Microservices), design patterns (MVC, MVVM, MVT).
 - Potent problem-solving skills, system troubleshooting, extensive project collaboration experience.
 - Iterative development practices including agile methodology (Scrum, Kanban). In-depth knowledge of web protocols, TCP/IP architecture and standards, web/software development lifecycle.
 - Proficient in OOP (C#, C++, JavaScript, Java, Python), functional programming principles.
 - Extensive experience with troubleshooting/developing in Windows, Linux environments.

PROFESSIONAL EXPERIENCE

Stimulus Engineer *Freelance, Remote*

I transformed abstract client needs into digital stimuli for an honours-level psychological experiment. This required a 50% reduction in variation on previous research with a subsequent increase to sample focus. I constructed a comprehensive rendering algorithm to achieve 130 unique, mathematically strict variants within a tight deadline (3 days), with subsequent integration requirements in Qualtrics XM.

2023

Research Interviewing, Data Entry *Roy Morgan, Remote*

Strictly confidential data collection and entry, ensuring data integrity for processing and analytics. Effective and reassuring communication skills were key in maintaining data accuracy, significantly contributing to positive outcomes in RM's research, enhancing client market strategies. I consistently left lasting positive impressions, bolstering the company's reputation and research capacity.

2022 - 2023

Multimedia Production, Advertising Agent

Headed Facebook advertising and brand media development (music, commerce). I translated client requirements into campaigns (budgets between \$200 - \$1500) with audience segmentation, release scheduling, split testing, and media releases (videos, images, graphics). I used targeted advertising to increase client following by up to 200%, providing crucial opportunities for client milestone success.

Freelance,
Point Cook

2018 - 2020

PROJECTS

Diat

Rich drag-and-drop project planning

[Website](#)

[Demo](#)

[GitHub](#)

A full stack Next.js project for drag-and-drop diagrams with rich-text editing, image imports, URL summarising.

Applicate

Collaborative rich-text editing

[Website](#)

[Demo](#)

[GitHub](#)

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

JSBDev

My web development portfolio

[Website](#)

[Demo](#)

[GitHub](#)

A React app to showcase my creative style, development projects, and professional profile

Documentation

Computer science research projects for my academic/personal development

[The Full Stack Lifecycle \(personal\)](#)

[The TCP/IP Model \(academic\)](#)

[Advanced Network Security \(academic\)](#)

EDUCATION

VCE Units 1 – 4

Bayside 10-12, Paisley
2016 – 2017 (complete)

Diploma of Information Technology

Deakin College, Geelong
2021 – 2022 (complete)

Bachelor of Computer Science

Deakin University, Cloud
2023 - 2026 (2nd year)