BARRY KEITH SALMON
JAVASCRIPT/REACT DEVELOPER

Dartford, United Kingdom | bksalmon.dev@gmail.com | www.bksalmon.com | 07742 097 145

SUMMARY

Full-stack developer specializing in React and JavaScript, with a military tech background. Skilled in building responsive web apps using semantic HTML, SASS, React Router, Express JS, and PostgreSQL databases. Experienced in UI/UX design, Docker, and API integration, with a structured, problem-solving approach shaped by 16+ years as an Air Force officer.

TECHNICAL SKILLS

JavaScript - JavaScript, JQuery, ExpressJS, Embedded JavaScript (EJS), Axios, AJAX, Fetch, Asynchronous programming, Object Orientated Programming, ES6 & modules, NodeJS, Passport JS, JSON, NPM

React - React, React Router, React Helmet, Vite

Complementary - Computer Science, Algorithms and Data Structures, Calculus, Linear Algebra, Statistics, Full Stack Web Developer, Regex, GIT, GitHub Actions, API with Postman, Virtualisation with Virtual Box & Docker,   Database Administration with PostgreSQL & PG Admin.

Supplementary - Python Developer, PHP Developer, System Administration, UX/UI Designer with Figma, Information security systems, Managerial

PROFESSIONAL EXPERIENCE   2005 - 2021

Airforce Navigator Instructor (Retired Major) | South African Air Force

- **16 Squadron** – Trained as a Weapon System Officer on the Rooivalk Attack Helicopter; also served as _Project Officer_.
- **80 Air Navigation School** – Navigator Instructor, delivering aviation training; additionally held roles as _Flight Safety Officer_ and _OHS Manager_.
- **22 Squadron** – Trained as a Tactical Air Coordinator (Super Lynx Helicopter); also served as _Flight Safety Officer_, _IT Officer,_ and _Air Publication Officer_.
- **35 Squadron** – Operated as a Maritime/Electronic Warfare Navigator (C47-TP Dakota); also contributed as _Flight Safety Officer_ and _IT Officer._

EDUCATION

Bachelor in Military Studies - Program in Technology & Defense Management   2013 - 2017
University of Stellenbosch

- Java Programming, Aeronautical Science, Statistics, Information Warfare, Electronic Warfare, and Military Psychology.
- Strategy, Security Studies, Economics, Management (Project, Strategic, Financial, Logistical)

Higher Certificate in Military Studies - Program in Technology   2006
University of Stellenbosch

- Computer Information Systems, Calculus, Linear Algebra, Physics and Aeronuatical Science

ADDITIONAL INFORMATION

- **Languages:** English (Academic), Afrikaans (Native), and Japanese (Beginner)
- **Certifications:** Air Force Navigator Instructor, SAMTRAC, Life Coach, Personal Trainer, Driving License
- **Achievements:** Tshumelo Ikatelaho medal, 10 Years Service medal, Commendation for Explementary Aircraft Accident Investigation, Commendation for Liaison of Foreign Dignitaries, Commendation for Explementary Conduct of Duties Throughout The Year.