JAKOB DOUGLAS

ABOUT MYSELF

Hey there I'm Jakob 👋
I'm a software engineer and am currently open to more work in 2024.

I enjoy working with Next.js or React.js, Typescript and Tailwind however I've learnt many languages and am open to all. I employ advanced object-oriented principles and skills in my work and projects and have extensive experience with mentoring, team development and interpersonal skills.

I love martial arts and if I'm not at the computer I'm outdoors, enjoying the beach or training.
I've recently been fully committing myself to software development through my degree in advanced computer science to a mentorship with someone high in the field and a myriad of courses. I've been able to build and maintain some applications and sites I'm very proud of. I am excited to grow in this industry and am constantly investing my free time into new languages, frameworks and improving my skills.

Feel free to message or checkout my portfolio to learn more and get in contact.

EDUCATION

Bachelor of Advanced Computer Science(Honors)
Griffith University
Present

Bachelor of Health science (Masters in Physiotherapy)
Flinders University
2018 – 2022

RELEVANT WORK AND PROJECTS

Ancient Earth
Jan 2024 - Present
-Clothing brand website integrated into Shopify, live and up to date with clients needs/sales etc. (both UK and AU stores)
https://www.ancientearth.com.au

Mentorship
June 2023- Present
-Building and pushing commits to sites under the guidance and study of my mentor, learning new skills in programming languages while working on real life applications to get a feel for the industry under time constraints.

GITHUB
https://www.github.com/jakolandio3

Portfolio Site
Dec 2023 - Present
-My 2024 Portfolio site, built with Next.js and Tailwind using popular packages such as SendGrid and Daisy UI. Check it out at
https://www.jakobdouglas.dev

CONTACT

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PORTFOLIO:
www.jakobdouglas.dev

REFEREES

Kevin Aminzadeh
-Solutions Engineer (Okendo)
-0466 661 525
https://www.linkedin.com/in/kevin-aminzadeh/

Travis Witts
-Software Engineer (Atomix)
-0431 528 153
https://www.linkedin.com/in/travis-witts/

TECHNICAL SKILLS (INCLUSIVE BUT NOT LIMITED TO)

Preferred Programming Languages
JavaScript/TypeScript/ Python/ SQL

Front-End
Next.js, React.js, jQuery, Tailwind, Axios, Bootstrap, HTML5, CSS3, Sass/SCSS, Redux.js

Back-end
Node.js, Express.js

Databases & ORMs
MongoDB, Postgres, Mongoose, MySQL

Build/Tooling
Webpack, Vite, ESLint, Babel

Testing
Jest, Supatest

DevOps
Git, GitHub, Vercel, Netlify, Render

SaaS Platforms
SendGrid, Supabase, OpenStreetMaps

MORE WORK AND PROJECTS

The Wild Oasis
Sep 2023 - Dec 2023
-Application for booking cabins designed for staff usage with authentication and back end hosted with Supabase, Full Stack- real world application that is fast, fully interactive and client friendly
https://the-wild-oasis-seven-khaki.vercel.app/

World-Wise
Oct 2023 - Nov 2023
-SPA made with Vite + React that tracks where you have traveled featuring a responsive design and open source map from Leaflet
https://world-wise-snowy.vercel.app/

TS-React-Redux-RFC-Template
2024
React-Redux template Functional Component version (with TS + Tailwind + Daisy UI). Built for framework and learning purposes.
https://github.com/jakolandio3/TS-React-Redux-RFC-Template

Web-Framework 2024 (Typescript)
2024
A custom build web framework to use for building applications with, consisting of compilers for Typescript.
https://github.com/jakolandio3/Back-End-WebFramework-Typescript.js-2024-/tree/feat/class-view

TS-Express-Routing
2024
a small routing project using TypeScript and Express for learning and practicing
https://github.com/jakolandio3/TS-Express-Routing/tree/refactor/v2-using-adapter-library

FURTHER SELF-EDUCATION

Shopify Theme Development: Online Store 2.0 + Tailwind CSS
2024
-How to set up your development store
-Using Tailwind CSS to design a Shopify theme
-Online Store 2.0 (JSON Templates)
-Shopify CLI
-Schema Settings
-Search Engine Optimization (SEO) for pages like articles, products, etc.
-Liquid language (Referencing asset files, loops, conditional statements, Shopify objects, filters, and many more)
-Customer pages

Typescript: The Complete Developer's Guide
2024
-Typescript masterclass, working with frameworks such as JS, React and packages like Redux to create strict type checking in your dev environment

MERN Stack Front to Back: Full Stack React, Redux & Node.js
2024
-Build a full stack social network app with React, Redux, Node, Express & MongoDB
-Create an extensive backend API with Express
-Use Stateless JWT authentication practices
-Integrate React with an Express backend in an elegant way
-React Hooks, Async/Await & modern practices
-Use Redux for state management
-Deploy to Heroku with a post-build script

Node.js with Test Driven Development
2023
-Practice Test Driven Development in a real project from beginning to the end
-Learn the test runner, Jest, and understand how to structure test modules
-Create a fully functional application with Express.js
-Learn how to build a RESTful API
-Make your application configurable to work in different environments

-Make your application aware of user locale, and support internationalization, i18n
-Use Sequelize to connect the application to RDBMS like PostgreSQL and handle all database related operations
-Secure your application with common practices. Basic authentication, -JWT and your custom token implementation
-Use JavaScript on server side with Node JS
-Deploy the application to a VM in cloud
-Experience automated deployment by pushing a commit from your machine to GitHub. GitHub Actions will do the rest.
-Feel how the test-driven development is giving confidence when refactoring and deploying your application.
-User Registration with email verification flow, account activation Password Reset flow.

The Ultimate React Course 2024: React, Redux & More
2023-2024
-React, Context API, React Query, Redux Toolkit, Tailwind, advanced patterns
-Udemy Course

Python Django: Dev to deployment
2023
-Basic Python (lists, dictionaries, functions, conditionals, etc.)
-Setup Virtual Environments
-install & configure Django
-Create Django "apps."
-Postgres Setup (local and remote)
-Schema planning, models & migration
-Admin customization
-Bootstrap integration
-Full search functionality
-User Authentication
-Deploy to Digital Ocean with Gunicorn & Nginx

Modern JavaScript from The Beginning 2.0 - 2023 Revamp
2023
-JavaScript, Node, SQL, Back and Front-End Development
-Udemy course

Modern HTML & CSS from the Beginning (Including Sass)
2023
-HTML5 CSS3 and Sass
-Udemy course

ADDITIONAL WORK EXPERIENCE

Orpheus Island Lodge- Marine Office/ 5-star dining / cocktail classes
-2021-2022
-Liaising with guests to organize activities
-Crowd management and delegation of daily duties
-Working with smaller teams within a greater community for one overarching goal
-One on one interaction with guest/s to create a bespoke experience
-Dining services catered to individuals with 5-star service and exclusive menus
-Creating and running a variety of "masterclasses" for guests to experience including cocktail classes and wine/spirit tastings
-Bar service inclusive of stock ordering, creating menus, stock take etc.

Highway Hotel- Functions supervisor / Gaming Manager
2016–present
-Organizing and running private functions of up to and over 600 people
-Liaising with kitchen and BOH to run a timely service
-providing client specific solutions to any issues that may arise
-Providing silver service for functions and dining creating a bespoke environment for guests and clients
-Extensive knowledge of how things operate and products on offer to better inform clients and guests
-Cash handling on a large scale daily
-Floating tills and balancing back-end systems and safes
-Till and macros system management
-Dealing with cheques and EFT transfers
-Dealing with barring systems police and governing bodies
-Handling any and all situations in a timely manner while keeping the patron happy
-Patron evictions and mediation
-External events and functions
-Portraying an open and welcoming environment even in stressful times