

Luke Sanger

Graduate Full Stack Developer, eager to learn and grow

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Skills

Java, JavaScript, UX/UI Design, Clean Code, Teamwork, Spring Boot, Technical Documentation, Jest, OOP

Professional Experience

HOYTS Group

Service Desk Specialist Jan 2019 – April 2024

- Interacted with stakeholders from both in and outside my team during daily meetings and in person to gather requirements needed to solve technical issues and deliver high quality work
- Removed old version of Pulse Secure VPN for over 100 users and transitioned users over to FortiClient VPN, fixing a critical security vulnerability
- Increased team efficiency by developing and maintained documentation for technical processes, procedures, and guidelines in OneNote
- Designed solution to automate certain processes of Kiosk and POS software installation via Powershell and subsequently improved the performance/speed of installations by up to 50%

Career Transition April 2024 – Present

- Graduated from University and struggled to find time to work on projects necessary for career transition/development so left once in a position of stability
- Building startup ideas and increasing my skills as a full stack developer exponentially
- In infancy stages of doing a freelance website for an emerging plumbing company

Projects/Non-professional Experience

Aesthetic Calculator

- Designed calculator with functionality including factorials and copy to keyboard which would work extremely well with the CompSci math class I was taking at the time
- Designed UI based on 80s Synthwave style and subsequently built calculator app for Android using Java in Android Studio

Typescript Documenter

- University final project, interacted with stakeholders from EasyAgile via email and designed a solution for their desire to have their Typescript code documented via a VSCode extension using AI in collaboration with a team of three
- Due to cross functional team members, I developed most of the solution using Typescript(Javascript with types) and OpenAI API
- GitHub pull requests was used for collaboration and Scrum Agile project management methodology is used

SangaWorld

- Personal website, increased user interest by utilizing react-three-fiber to create an animated three dimensional landing page
- Published website to internet via deploying to Vercel and hooking up instance to domain using DNS records
- Achieved greater SEO by using the server side rendering capabilities of Next.js

Boxoal(Still in development)

- Startup idea, initiated web and mobile frontends to access backend by deployed an Express.js backend server to AWS Elastic Kubernetes Service using Docker
- Performance of application was improved and re-renders reduced via the replacement of props drilling with redux
- Used Jest and react testing library to test key components of website and debug errors

Education

Bachelor of Computer Science, University of Wollongong 2020-2023