

Daniel Archer

Driven Engineer with a passion for continuous learning in penetration testing, red teaming and web security, who aspires to apply his practical knowledge to achieve business goals, and teach others how to do the same.

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PROFESSIONAL EXPERIENCE

Nature Innovation Group — Lead Software Engineer

2020 - 2023

- Promoted to front-end tech lead in 9 months
- Developed Android & iOS applications, company website, and in-house web apps using Flutter, React and Next JS
- Conducted vulnerability scans and resolved critical security issues
- Enhanced security by redesigning authentication and authorization system
- Automated tasks using Python and Bash saving hours per week
- Established CI/CD pipeline from git push to app store delivery, saving 3 hours every 2 weeks
- Single handedly created processes and playbooks/guides on frontend architecture, UI design, and the 'business idea to development' flow
- Appointed lead UI designer and created a DSL, speeding up the feedback loop by 5x and saving 1 to 4 hours on new designs
- Implemented IoT mock, enabling remote team members without the device to perform device-related tasks and boosting device-holding developers' productivity by 70% on device related tasks

R-Bies — Software Engineer

2019 - 2020

- Redesigned a 400K+ downloaded app and its CMS
- Independently built new app without prior experience in Flutter/Dart
- Developed several Android applications using Java & Kotlin

Rakuten — Project Coordinator

2018 - 2019

- Set up and troubleshooted employees computers
- Operated the presentation control room and co-facilitated large company meetings of 300+ attendees
- Transcribed and simplified technical jargon in real-time for non-technical managers during department manager meetings
- Facilitated department manager's meetings
- Proofread and merged manager presentations

CERTIFICATES

- Jr Penetration Tester
- Introduction to Cyber Security
- Pre Security
- Advent of Cyber 2022

LANGUAGES

- English - Native
- Japanese - N2 Level

VOLUNTEER WORK

- Founder of "[Tokyo Movers](#)", an acrobatics sport group with 305 members

PROJECTS & PERSONAL EXPERIENCE

DanArcherHacking — *A cyber security blog and portfolio*

- A blog where you can also view this resume, certificates, and all the CTFs/Badges I have obtained from various CTF platforms and events
- Visit the site at danarcherhacking.vercel.app

CTFs — *Cyber Security challenges from CTF platforms & events*

- Completed 62 rooms and rank within the top 3% on TryHackMe
- Participated in Snyk's "The Big Fix" event and won a t-shirt
- Completed 4 wargames from OverTheWire totalling 79 levels
- Participated in CTF events such as Hack The Box's "Hack the Boo" and Snyk's "Fetch The Flag"

Training — *Notable certificate training/course taken*

- Cisco Certified Network Associate (CCNA)
- Red Hat Certified Engineer (RHCE)
- Burp Suite Certified Practitioner (BSCP)

Dev Projects — *Viewable on [github](#)*

- Hack Assembler - An assembler that interprets the assembly language "HACK" into machine language
- Wizard Bookings - A harry potter fantasy hotel booking site made completely in Golang
- Trickadex - A tool for the sport "Tricking" made with Flutter
- Twitter Clone - Basic version of Twitter made with Next JS, Tailwind and uses Sanity for the CMS

EDUCATION

De Montfort University — *BSc in Media Technology*

Sep 2010 - Jun 2013

- Studied a wide range of topics within tech and media such as Web Development/Design, Game Development/Design, 3d CGI, 2D VFX, Motion Graphics, Camera Operating and Video Editing
- Created an official university club for the underground sport "Tricking"