

## Duncan Turner

Auckland, NZ | duncanfrederic@gmail.com | 022 527 8411

[GitHub](#) | [LinkedIn](#)

### Career Objective

Software Engineering student graduating in 2025 with a strong passion for building modern, scalable, cloud-native applications. My most skilled language is JavaScript/TypeScript, and I'm open to frontend, backend, full-stack, and cloud engineering roles. I'm currently building **ScrapeSmith**, a SaaS platform for automated web scraping, data cleaning, and AI-powered analysis. I enjoy creating clean UIs and architecting distributed systems that solve real-world problems.

### Technical Skills

**Languages:** JavaScript, TypeScript, Python, Go, HTML/CSS

**Frameworks & Libraries:** React.js, Next.js, Tailwind CSS, MUI, Headless UI, Fiber, Django

**Microservices & Backend:** Node.js, Go (Fiber), Python (Django), Docker, Kong API Gateway

**Cloud & Deployment:** AWS (EC2, S3, Lambda, RDS, VPC, EKS, Elastic Beanstalk), Vercel

**Databases:** PostgreSQL, MongoDB, SQLite

**Tools & Dev Practices:** Git, Figma, Trello, MS Teams, RESTful APIs, Agile/Scrum

### Soft Skills

- **Teamwork & Leadership** – Proven in both military service and professional roles.
- **Communication** – Clear communicator with technical and non-technical stakeholders.
- **Customer-Focused** – Strong background in service roles with an emphasis on user satisfaction.
- **Adaptability** – Able to pivot quickly across industries and tech stacks.
- **Problem Solving** – Analytical mindset with a drive for clean, scalable solutions.
- **Initiative** – Proactive learner and builder, demonstrated through side projects and contract work.

## Projects

### 1. ScrapeSmith (2025–Present)

**Cloud-based SaaS platform for automated web scraping, data cleaning, and AI analysis.**

- **Stack:** Node.js, Go, Next.js (TypeScript), Tailwind CSS, MongoDB, PostgreSQL, Kong API Gateway, AWS (EKS), Vercel, Stripe
- Designed and built a microservices architecture with job scheduling, Stripe payments, and modular AI analysis pipelines.
- Developed frontend with Headless UI and Tailwind CSS for clean user experience.
- Deployed across AWS and Vercel with secure APIs and user session management.

### 2. ScrapeCity (2024)

**Web scraping and data cleaning platform.**

- **Frontend:** React.js (TypeScript), Tailwind CSS, MUI, TanStack Router
- **Backend:** Django, PostgreSQL | **Deployment:** Vercel (Frontend), AWS (Backend)
- Users could create accounts, pay for scraping jobs, and receive cleaned, structured results.
- Built a responsive dashboard with authentication, job history, and data delivery.

### 3. Sol Dance Music Festival Site (2025)

**Custom marketing website for a U.S.-based music festival client in Colorado.**

- **Stack:** Next.js, TypeScript, Tailwind CSS
- Delivered a modern, responsive website with client-managed content updates.
- Handled full delivery from design to deployment with Vercel.

## Education

### **Bachelor of Software Engineering(Cloud Specialization)**

Yoohee Colleges | 2022 – 2025 (Expected)

## Professional Experience

### Web Developer (Contract)

**Self-Employed** | Auckland (Remote) | Jan 2025 – Present

- Build dynamic websites using Next.js and Tailwind CSS.
- Deploy projects to Vercel and manage versions via Git.
- Deliver responsive UIs with TypeScript and component libraries like Headless UI.

**Tech Stack:** JavaScript, TypeScript, Next.js, Tailwind CSS, Vercel, Git

### Duty Manager

**Glengarry Wines** | Auckland | Jul 2023 – Present

- Oversee retail operations, staff, and customer satisfaction in a high-end wine store.
- Certified Bourbon Steward, LCQ, and Duty Manager certificate holder.
- Ensure full compliance with NZ liquor laws.  
**Skills:** Team Leadership, Customer Service, Regulatory Compliance

### Heavy Equipment Operator

**Xcel Energy** | Colorado, USA | Mar 2021 – Feb 2023

- Operated and maintained heavy machinery for energy infrastructure projects.

### Heavy Equipment Operator

**CDI** | Colorado, USA | Jun 2020 – Mar 2021

- Supported on-site operations and equipment handling in construction environments.

### Technical Team Lead

**Merkabah Labs** | Colorado, USA | Jul 2018 – Jun 2020

- Worked in a small team environment focused on the **extraction of essential oils**.
- Coordinated tasks and contributed to the refinement of extraction and product testing workflows.

### 0331 Machine Gunner

**U.S. Marine Corps** | May 2015 – Jul 2018

- Served in an active-duty infantry role.

### **Website Administrator**

**Common Sense Coins** | Maryland, USA | Sep 2013 – May 2015

- Managed and updated company website using JavaScript, HTML, and CSS.

### **Interests**

Gym, anime (currently watching with *Naruto*), and cooking.

### **References**

- **Zane Winskill** – Manager Glengarry Wines – 021771838
- **Arthur Lewis** – Cloud Computing Instructor – [arthur.lewis@yoobeesouthseas.ac.nz](mailto:arthur.lewis@yoobeesouthseas.ac.nz)
- **Dr. Arun Kumar** – C++ Programming Professor – [arun.kumar@yoobeecolleges.com](mailto:arun.kumar@yoobeecolleges.com)