Duncan Turner

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

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 a 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, Headless UI, Motion, Vercel
- 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)
Yoobee 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: TypeScript, Next.js, Tailwind CSS, Motion, Headless UI, 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 the 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

- **Dr. Arun Kumar** – OOP Programming Professor – arun.kumar@yoobeecolleges.com