DEVON **ARGANARAZ**

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Web Developer | Automation Engineer | 5G Network Engineer

Technology is only effective when it is improving the lives of those using it. My passion is for writing code that makes people lives easier, and this is best done through partnership with its users. I've developed my programming and web development skills through 6 years in tech, always communicating with my teams to find their pain points and improve efficiency – resulting in time reduction of tasks of up to 90%.

I thrive in problem-solving and team environments and am looking for a new challenge to further develop my technical experience.

EXPERIENCE

OCT 2021 – OCT 2024

WEB DEVELOPER (JS, PYTHON) - ERICSSON

Supported organizational efficiency through means of developing full-stack web-based tools, working end-to-end to create purpose-designed websites in Python and JavaScript to eliminate manual tasks and drive efficiency.

- Utilized front-end frameworks (**Bootstrap, EDS**) and **JavaScript** libraries (**jQuery, d3**) to create a suite of 10+ dynamic webpages for analyzing and displaying big data hosted in a **MySQL** data lake.
- Created 5+ Python apps using **Django** framework, hosted on a Unix server.
- Interfaced with external vendor platforms via API to eliminate manual updates.
- Developed **Tableau, PowerBI** and custom web dashboards utilized by Key Account Managers, sales and technical leads.

OCT 2024 – PRESENT

FULL STACK DEVELOPER / AI CONSULTANT – DATA ANNOTATION

(Freelance) Training various AI LLM models through writing and reviewing code in multiple programming languages.

AUG 2020 – OCT 2024

AUTOMATION ENGINEER SME (PYTHON, MYSQL, VBA) - ERICSSON

Took the lead on process automation as subject matter expert, improving efficiency of the team by 60-70% through development of tools and innovative changes to BAU practices.

- Produced a suite of **Python** scripts, **MySQL/PostgreSQL** databases, **VBA** macros and inter-system automations to reduce the time to complete a site by more than 90%.

- Discovered and eliminated pain points for multiple teams through frequent roundtables and 1-to-1 discussions for iterative feedback and improvement.
- Led negotiations with overseas automation teams to collaboratively develop new **RPA** bots and tools.

SEP 2020 – OCT 2022
5G OPTIMISATION ENGINEER - ERICSSON

Worked across projects with large Telecommunications providers such as Telstra, Optus and nbn, fine-tuning their network to achieve increased performance in 5G throughput and reliability.

- Oversaw end-to-end delivery of 50+ radio sites to meet milestone targets.
- Chaired weekly customer update meetings and led a technical sales presentation in Sydney to 8+ technical leads.
- Performed in-depth troubleshooting to find site performance issues and reduce wasted time on site by up to 50%.

FEB 2019 – SEP 2020
5G NETWORK ENGINEER - ERICSSON

Began with Ericsson on the cutting edge of the 5G rollout; designing new towers and overseeing the build process.

- Delivered designs for Australia's 150+ first 5G towers.
- Developed an **ASP.NET** website used by program managers for live site status, data analysis and visualization (via KML layer).
- Deployed and maintained a MySQL database for tracking design data.

2017 – 2019
ENGINEERING TUTOR, UNIVERSITY OF MELBOURNE

- Led university classes of up to 60 students in the field of engineering.
- Prepared and presented weekly workshops, covering both theory and practical application.

EDUCATION

2017 – 2018
MASTER OF ENGINEERING (ELECTRICAL), UNIVERSITY OF MELBOURNE

Graduated with First Class Honours (H1), with subjects based around communications, signal processing and electronics, with a secondary focus on programming and algorithms.

2014 – 2016
BACHELOR OF SCIENCE (ELECTRICAL SYSTEMS), UNIVERSITY OF MELBOURNE

Graduated with First Class Honours (H1), and completed a range of complementary programming subjects.

VOLUNTEERING

2019 – PRESENT

INTERNAL VOLUNTEER, ERICSSON

Actively involved in a range of activities outside of regular work responsibilities, including:

- **UniMelb Engagement Coordinator –** Had regular contact with Melbourne Uni representatives to propose and organize collaborative activities, such as internships, industry project, careers fairs and mentoring.
- **D&I Ambassador –** of D&I activities and I pioneered the Diverse Cultures community, coordinating and running regular events for all employees of up to 150 people.
- **Young Professionals Committee Member –** I helped organize the Young Professional Summit and was on the committee for two years to support and develop the skills of recent Ericsson graduates.
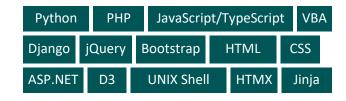
2015 – 2016

PUBLIC TALKS COORDINATOR, MELBOURNE UNIVERSITY CHRISTIAN UNION

I was responsible for organizing a weekly meeting of 80+ people on campus. I led a team of a dozen people in arranging a weekly speaker, room bookings, welcoming team, advertising, tech equipment and food.

SKILLS

- Driving efficiency and reducing time waste
- Communicating across silos to align parties
- Taking initiative and ownership of a task
- Adept at learning new tech skills
- Able to explain complex concepts simply
- High production standards

PROGRAMMING:

Python	PHP	JavaScript/TypeScript	VBA
Django	jQuery	Bootstrap	HTML	CSS
ASP.NET	D3	UNIX Shell	HTMX	Jinja

SQL	PostgreSQL	MySQL	Apache
Perl	Java	C#	C++
React.js	Node.js	Express	MongoDB

INTERESTS

- Food, especially cooking Argentinean Asado
- Travelling abroad, I have been to 15+ countries
- Music, I play Double Bass and am Grade 8 on Piano
- Gaming, particularly on Switch or PC
- Language, I speak Spanish and Italian