

# Harshit Chordiya

Developer Programmer | Data Migration • Cloud Ops • Automation • Python

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## Professional Summary

Results-driven Developer Programmer with strong experience in **Python scripting, AWS services, ETL pipelines, automation, and production support**. Experienced in cloud migration, data movement workflows, API development, monitoring systems, and resolving incidents in fast-paced environments. Skilled in translating business requirements into technical specifications, building scalable data processes, and ensuring reliable production operations. Adept in **AWS DMS, Redshift, Python automation, Linux, CI/CD**, and ready to contribute to large-scale enterprise projects.

## Skills

**Programming Languages:** Python, Java, JavaScript, TypeScript, MySQL, Bash, C#.

**Cloud (AWS):** AWS DMS, AWS Redshift, AWS Lambda, EC2, S3, CloudWatch

**Database Technologies:-** DB2, Oracle, MySQL, DynamoDB

**Technologies:** Flask, React.js, Node.js REST APIs, IBM InfoSphere CDC (conceptual), ETL Pipelines, Automated Testing, Selenium.

**DevOps:** GitHub Actions, Git, Docker, Linux, Automation, Bitbucket, Jenkins, TCP/IP.

**Others:** Collaboration, Agile, UI/UX, System Design, Optimisation, Concurrency, Monitoring & Alerting Systems, CI/CD, Unix/Linux, Shell Scripting.

## Experience

### Web Developer Intern | RISC RMIT | Melbourne, VIC | Internship | 03/2024 - 08/2024

*Tech Stack: Python, Node.js, Next.js, AWS Lambda, AWS EC2, Linux, Git, Monitoring Tools*

- Built automation scripts using **Python + Linux** to optimise server-side workloads and reduce manual support tasks.
- Migrated backend components into **AWS Lambda** & serverless architecture, reducing operational overhead by **25%**.
- Collaborated in the Agile team to prepare **technical specifications**, deployment plans, and architecture documentation.
- Performed unit/system testing and coordinated defect fixes across multiple services.

### Team Member | McDonald's Elsternwick | Melbourne, VIC | Part-Time | 04/2024 - Present

- Communicate effectively with customers to understand their needs and come up with solutions.
- Work in **3+ departments** across **3+ stores** to boost productivity and meet **team** targets as needed.

## Projects

### CLYMB Marketing Website (Freelance Project)

- Built optimised frontend with API integrations and CI-based deployments. (<https://www.clymb.au/>)

*Tech stack: React, Vite, Tailwind CSS, DaisyUI, GSAP, Lenis, Motion, OGL, React Router, Git.*

### TidyLens - Mixed Reality Inventory Tracking System

- Built a Mixed Reality application for Meta Quest 3 with real-time object detection and database persistence. Engineered complete data pipeline from Unity to Flask backend with YOLOv5 integration, storing 1000+ detection records with 6DOF headset pose data in MySQL. Deployed wirelessly to Node 30 server, optimized performance by fixing memory leaks (90% lag reduction), and implemented RESTful APIs for real-time image processing and spatial data tracking.

*Tech stack: Unity 3D, C#, Python, Flask, YOLOv5, MySQL, OpenXR, REST APIs, Linux Server Deployment.*

### Purchase Order Scorecard

- Built an underwriting **dashboard for purchase order financing** using Dash, Supabase and python.
- Automated borrower risk analysis and lender matching, reducing manual review time.
- Deployed to **AWS EC2 with GitHub CI/CD** for continuous updates.

*Tech stack: Dash, Flask, OpenAI API, Supabase, Pandas, Plotly, AWS EC2, CI/CD.*

### **Climate Data Analyser**

- Designed ETL modules to clean, transform, and query **260+ years** of climate datasets.
- Wrote SQL procedures and optimisation scripts to speed up analytical queries.

**Tech stack:** *Spring Boot, Java, MySQL, Git..*

### **Auto Job Application Tracker**

- Engineered automation pipeline using **Python + Cron + Web Scraping** to process large-scale job data.
- Implemented database workflows in **DynamoDB**, building secure APIs for data retrieval.
- Added monitoring logs and alert triggers for production reliability.

**Tech stack:** *Python, Flask, DynamoDB, AWS EC2, GenAI APIs.*

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## **Achievements**

### **Top 6.9% Leetcoder | Data Structures**

- Achieved the top leetcoder badge for solving **data structures-related** problems with consistency.

### **2nd Prize in CodeQuest 2023**

- Placed 2nd in a hackathon by building a bot to compete in a **battle game against 120+ teams**.
- Tracked real-time game data to improve **decision-making** capabilities, winning by **10+ point** margins.
- Leveraged Python libraries to **increase efficiency**.

**Tech Stack:** *Python, CQ23, Docker, Optimisation, Problem-solving.*

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## **Education**

### **Bachelor of Computer Science | Royal Melbourne Institute Of Technology, Melbourne**

Major: Full-stack & Cloud

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## **Volunteering**

### **Organising Committee Member**

Google Developer Student Club RMIT | Dec '23 - Jun'24

### **Vice President**

RMIT Information Security Collective | Nov '23 - Oct '24

### **Community**

Google Development Group (GDG) HackNights, AI Camp Melbourne, Melbourne CocoaHead.