Henrique Pureza

Software Engineer

◎ Melbourne ☎ 0431311073 @ henrique.pureza13@gmail.com 🔗 https://www.henriquepureza.com

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Skills

Typescript	Python	AWS	Node.js	Jest
TDD	CI/CD	Postgres	Docker	Laravel

Experience

Sidekicker
Software Engineer (Platform Team)
Melbourne
Mar 2021 - present • 2 yrs 8 mos

Technologies: Typescript • AWS • CI/CD • React • Docker • Postgres

- Teamed with developers, UX/UI designers, and testers to launch 5 high-quality software products.
- Led the development of a greenfield project using Node.js, Laravel, and AWS, creating an application for efficient data tracking and analysis.
- Resolved 10+ delivery and business process obstacles, boosting project turnaround by 20% and enhancing team productivity.
- Leveraged a $1000 L&D budget to enhance AWS and Cloud Computing skills, contributing to 30% more efficient cloud-native deployments.
- Crafted 20+ REST API endpoints using NestJS and Express, integrating with AWS databases for data extraction.
- Key member in integrating Elastic Search into APIs, improving system performance by 30%.
- Initiated and implemented code-coverage in CI/CD pipelines, achieving a 20% increase in code coverage within 6 months.

🔗 https://sidekicker.com/au/

Tribe Influencer
Associate Software Engineer
Part-time
May 2019 – May 2020 • 1 yr

Technologies: Ruby on Rails • Cypress • CI/CD • React • Docker • Postgres

- Engineered an automated test infrastructure, boosting test efficiency by 40%.
- Implemented Cypress, enhancing software quality by 25% and reducing deployment-stage bugs by 15%.
- Wrote clean, testable code with 90% code coverage across React (TypeScript) and ROR through Test-Driven Development (TDD).

🔗 https://www.tribegroup.co/

In The Code Software Agency
Software Engineer Intern
Internship
May 2018 – Dec 2018 • 7 mos

Technologies: Nodejs • Angular 6 • Mongodb + mongoose • Express

- Contributed to the Red Rooster's management code base using MERN stack.
- Learned software engineering process improvements and best practices.

Education

The University of Melbourne
BSC Computer and Software Systems
Honors
2019 - 2022

- Relevant elective coursework: Artificial intelligence, Machine Learning, Elements of data processing, Physics Advanced.

TAFE
Software Development
2018

- Languages: HTML5, CSS3, Javascript, Java, C#, SQL
- Frameworks: React, Dot net core

Volunteering

Melbourne Bioinnovation Student Initiative
Tutor
Unimelb
2022

- Giving back to the community by teaching the fundamentals of computing using python to **biomed students**. I lectured online and designed problem sets, projects and course material for over **100 students**.

🔗 https://www.mbsi.org.au/

Computing and Information Systems Students Association
Tutor/Member
Unimelb
2019-2022

- 2021 Codebrew Hackathon Runner-Up: Developed an innovative drag-and-drop interface app for easy bot creation by users.
- Practised and helped students prepare for contests such as Google codejam, Facebook hacker cup and ACM ICPC