

BROOK JEYNES

Software Engineer

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 /in/brook-jeynes

SUMMARY

I love exploring and learning about anything related to computing. Building reliable, robust programs that are small in memory footprint and efficient is a challenge I enjoy tackling. I'm always striving to learn more about computer systems and to teach these concepts and ideas to others.

SKILLS

Languages: Zig, Rust, C, JavaScript, C#, Python

Technologies: Unix and/or GNU/Linux, Git, Docker, AWS, Azure

EXPERIENCE

- 03/2024 - Current **Software Engineer** Tina.io
The worlds leading open source, headless CMS that is powered by Markdown and GitHub
- 05/2022 - Current **Software Engineer** SSW
Using a series of front-end stack technologies (Typescript/ReactJS/NextJS), I work in teams to develop websites for clients and end-users. I also work with back-end frameworks such as .NET to create reliable back-end services.
- 08/2021 - Current **Private University IT tutor** Freelance
I privately tutor university students in a variety of languages and tech stacks.
- 03/2023 - 11/2023 **Software Developer** TechnologyOne
Work integrated learning for QUT final year IT Capstone project. The project consisted of the following tech stack: Python, React + NextJS, React Native, Rust + Actix, and AWS EC2/SQS/S3.
- 07/2021 - 05/2022 **Junior Software Developer** TestLab360
I wrote front-end software for a cloud-based construction material management system. I also built MVP mobile applications using React Native.

EDUCATION

- 2021 - 2023 **Bachelor of Information Technology with a major in Computer Science** Bachelors - University
Graduated from QUT (Queensland University of Technology) with distinction - 6.7 GPA
- 2020 **ICT30115 Certificate III in Information, Digital Media and Technology** TAFE
Graduated from TAFE Queensland
- 2020 **Senior School Queensland Certificate of Education** School
Graduated from St Peter Claver College

VOLUNTEERING

- 2022 - Current **Open Source** Freelance
I have contributed back to open source projects I use through code contributions, bug reports, and related discussions. Some of which include Bun, Zap, and the Leptos website
- 03/2022 - 11/2023 **STIMulate Peer Learning Facilitator** QUT
I supported university students undergoing their studies in a variety of languages and tech stacks.

PROJECTS

- Youtube **Technical videos** youtube.com/@chooky_
I make technical videos teaching varying computing topics. Some of which include tutorials on socket programming or informative videos on shared memory.
- Blog **Technical blog** brookjeynes.dev
I write technical blogs teaching varying computing topics. Some of which include tutorials on Rust web assembly and creating backend services.