

Joseph Spearritt

✉ joe.spearritt@live.com
GitHub [mcoot](#)

Experience

- 2023–Present **Principal Engineer**, *Atlassian*, Sydney, Australia
Tech Lead on PaaS Extensibility team, building & operating the internal infrastructure powering Atlassian's cloud offerings
- Driving transformational PaaS projects
 - Scaling PaaS to deliver 7 new Data Residency regions
 - New environments and compliance uplift for FedRAMP Moderate
 - Security posture uplift for PaaS users, SREs and sysadmins
 - Working with many AWS services, Kubernetes, and internal systems
- 2021–2023 **Senior Engineer**, *Atlassian*
- 2019–2021 **Developer**, *Atlassian*
- 2018–2019 **Junior Developer**, *Atlassian*
- 2016–2017 **Intern Developer**, *Atlassian*
Intern on Confluence Cloud, working on microservice development and engineering health
- 2016–2017 **Tutor**, *The University of Queensland*
Course tutor for Java/OOP and C/Unix subjects
- Member of course staff, responsible for running tutorials, practical sessions and marking

Education

- 2014–2017 **Bachelor of Engineering (Software), Class I Honours**,
The University of Queensland,
University Medallist and Hawken Scholar, *GPA: 6.84/7*

Skills

- Languages Golang, TS/Node, Java, Kotlin, Python, C/C++, SQL, Haskell
- Technologies AWS, Docker, Kubernetes, Git, Spring Boot, React, Postgres, DynamoDB

Achievements & Personal Projects

- **UQ University Medal** recognising outstanding academic excellence throughout a degree
- University **Honours Thesis** on the use of specialised type systems in information security
 - Presented at UQ School of ITEE 2017 Innovation Showcase
- **TAMods** – Personal project, game modification and custom server platform
 - Project docs: <https://www.tamods.org/>
- **UQ Computing Society** – Member of Executive Committee, 2017
- UQ Faculty of EAIT **Dean's Commendation for Academic Excellence**, 2014-2017
- **QUTHack 2015** – Worked on hackathon project which received \$1000 innovation prize
- Australian Government **Australian Student Prize**, 2013