

Nicholas Berridge-Argent

Software Engineer * <https://nickba.dev/> * [Email me @ my domain] * [Phone number redacted]

Experience

Atlassian — Software Engineer * Jan 2022 – Present

Working in the Ecosystem Platform department building systems for second and third party developers to extend Atlassian products

Jan 2022 – Jun 2023 * Worked on operational and observability tools for third party developers on Atlassian's Forge platform for Atlassian-hosted third party apps

Jun 2023 – Present * Working on FedRAMP compliance and maintenance of Atlassian's Connect framework for external third party apps

Skills: TypeScript, Java, React, GraphQL, Spring, Prometheus, Kinesis, DynamoDB, S3, Lambda, microservices architectures, cloud services, observability

Atlassian — Intern Developer * Nov 2020 – Feb 2021

Worked in the Datacentre Cross-Product department implementing a prototype frontend for a cross-product plugin for Atlassian's datacentre products

Skills: TypeScript, Java, React, Spring, Cypress, Jest

UNSW Computing — Casual Academic * Jun 2019 – May 2021

Tutor for COMP2041 Software Construction and COMP3331 Computer Networks

Education

B Software Engineering (Honours) — UNSW Sydney * Feb 2018 – Dec 2021

Grade: First Class Honours * High Distinction (85) average

Thesis: Secure Boot and TPM Attestation for seL4-Based Systems

Worked under the supervision of UNSW's Trustworthy Systems research group to investigate approaches to secure boot and TPM attestation on seL4-based systems

Designed and implemented a prototype for a firmware TPM based attestation setup on an ARM system running seL4

Awards: CSE Undergraduate Performance Prize Year 1, 10th Place (2018), UNSW Engineering Dean's Honours List (Highly Commended) (2019), UNSW Engineering Dean's Award (2020)

Skills: C / C++, JavaScript / TypeScript, Python, Java, Shell / BASH, HTML, CSS, PostgreSQL, Git, operating systems, distributed systems, networks, databases, algorithm design, program correctness, object-oriented design, functional programming, web development
