# Ty Lange-Smith

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An enthusiastic software engineer with a passion for DevOps, AWS, Data, Machine Learning and Entrepreneurship. Through applying a diverse well-rounded skill set I'm able to solve challenging problems at scale. I'm an advocate for DevOps and have a proven history in enabling companies drive this paradigm shift.

## Work Experience

### nib Group - DevOps Engineer                                    2019 - now

- Designed, developed, and maintained business-critical infrastructure leveraging best-in-class tooling and modern cloud approaches.
- Continually championed DevOps best practices bringing subject matter expertise to both technical and non-technical forums.
- Drive the development of internal platform tooling to increase the velocity and confidence when delivering business initiatives while ensuring best practice guard rails.
- Key technical resource in delivering major business projects e.g. on-premise data center to cloud migrations, call center migrations leveraging AWS Connect, and building out data and machine learning capabilities.
- On-call engineer supporting business-critical workloads across a wide array of infrastructure.

`development operations`  `software engineering`  `aws`  `cdk`  `ci / cd`  `evangelism`

### ION Group - Full Stack Software Engineer                        2018 - 2019

- Designed and implemented a wide range of software products within the commodity logistics domain.
- Worked with a variety of full-stack technologies within a fast-paced agile team environment.
- Introduced numerous internal development tools and processes to increase developer productivity and confidence.

`software engineering`  `c#`  `full stack`  `solid`  `mssql`  `developer productivity`

### Social Pinpoint - Full Stack Software Engineer                  2017 - 2018

- One of two engineers working on a large-scale web application delivering value to thousands of daily users.
- Worked within a fast-paced startup environment, hands-on experience with the entire software development lifecycle.

`software engineering`  `startup`  `entrepreneurship`  `communication`

### Wipro - Industry Scholar                                        2015 - 2017

- The only chosen candidate out of the entire Software Engineering, Computer Science and IT cohort to be awarded this industry scholarship.
- Provided invaluable hands-on industry experience early within my software career where I was able to work with numerous experienced mentors.

`software engineering`  `industry scholarship`  `real world experience`

## Education

**The University of Newcastle - Callaghan, NSW**                    2014 - 2017

- Bachelor of Engineering (Honours) (Software) with Honours Class I

## References

References upon request.