

# PAARTH BHASIN



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Sydney, Australia



[github.com/PaarthB](https://github.com/PaarthB)

## TECHNICAL SKILLS (Most Competent)

### WEB & BACKEND DEVELOPMENT:

C, Golang, MySQL, C++, Python, Java, React.js, Redux, Nginx, HTML/CSS, Design Patterns, JSON, MIPS, Unit Testing, Git, Linux, Gatling.io

### OTHER TOOLS & SOFTWARE:

SVN, Jenkins, Travis, Bamboo, Docker, IntelliJ/PyCharm, Vagrant, Splunk, AWS

## EDUCATION

**B.ENG. SOFTWARE ENGINEERING, 2014-2018**  
Monash University, Australia

## TOP PROJECTS (More on GitHub)

### **Delivar Android App (Founder) – Jun 2018**

- Developed a peer-to-peer delivery app “Delivar”, for Android. Works on the concept of crowd-sourcing. Includes PayPal payment system and route matching algorithm.

### **Software Engineering Studio Project, 2017-18**

- Continuous Integration (CI) & Testing lead in a team of 5, for a full year project. Building an OCR tool using Python, Tesseract, Vagrant, Travis CI, Trello and Linux. Used for extracting data from images to automate form filling.

### **3D First Person Shooter (Super-Hot), May 2017**

- Developed a 3D first person shooter game having Artificial Intelligence (AI), using C++ and Microsoft DirectX 11. Based on the famous Indie game SuperHot.

## AWARDS & CERTIFICATIONS

- Scaled Agile Framework (SAFe) Practitioner – Scaled Agile Inc., Oct 2018 – Oct 2019**
- AWS Technical Essentials Training – Aug 2016**
- Hall of Fame, Huffman Tree Encoder (Python) Intro to CS, Monash University – May 2015**
- Certificate 3 in Commercial Cookery, 2014-16**

## INTRODUCTION

Recent Software Engineering graduate from Monash University. Possessing excellent analytical, interpersonal & communication skills with strong attention to detail.

## WORK EXPERIENCE

### **Software Engineer, Site Reliability Engineering (Graduate)**

Jan 2019 – Present

**Atlassian Inc., Sydney**

- Graduate SRE in Jira SRE team.

### **Full Stack Engineer**

Aug 2018 – Nov 2018

**Cognizant Digital Works, Melbourne**

- Full Stack Developer for development of an e-commerce website. Worked in an Agile Scrum team of 5, having fortnightly sprints. Also gained experience in Scaled Agile Framework.
- Tools used include: Java Spring Boot, JPA + Hibernate, Maven, Vagrant, Nginx, Jenkins, React.js, Redux, ES6, JavaScript, CSS3, HTML, Webpack, Bootstrap, Postman, Git, Spring unit testing.
- Optimized JPA CRUD functionality, developed Spring backend including Unit Tests, integrated React.js frontend with backend Spring. Created Nginx configuration for serving React.js website.

### **Software Engineer, Site Reliability Intern, JIRA & CAPS SRE Teams**

Nov 2017 – Feb 2018

**Atlassian Inc., Sydney**

- Participating in entire SDLC and all major tasks of a Site Reliability Engineer for enhancement of JIRA front-end monitoring software. Also worked on internal SRE apps/tools.
- SAML 2 investigation in Sentry using Python, Docker. Build and deployment of Sentry to AWS. Operational Readiness – Load Testing, Scaling, Reliability. SMTP activation & LDAP removal. Code Refactoring, bug-fixes, unit testing, feature-work for tools in Go, Python. Refactored the Redash Collector and unit tests written in Golang, to accept any SQL query, which uses Presto SQL query engine developed by Facebook.
- Tools being used: Docker, AWS, Python, Sentry, Bash, Bamboo CI, Bitbucket, Splunk, Jira, DataDog, JavaScript, Golang, Gatling

### **DevOps Engineer Intern, EAS Team (SUMMER INTERN)**

Jan 2017 – Feb 2017

**Cognizant Digital Works, Melbourne**

- Gained experience in DevOps Practices. Developed a generic CI/CD Platform for TUI Group & Ooredoo, for BusinessWorks 6.x applications, providing automated: SVN checkout, archive creation, deployment to production, code review and SoapUI testing. Some technologies used include: Jenkins, Apache Ant & Maven, Git, Python, SVN, Windows Shell, SoapUI, Artifactory. Wrote a changed project parser for SVN, in Python.
- Prepared detailed user & developer guide for CI/CD platform.