

PAARTH BHASIN



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Sydney, Australia



github.com/PaarthB

TECHNICAL SKILLS (Most Competent)

WEB & BACKEND DEVELOPMENT:

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

OTHER TOOLS & SOFTWARE:

Nginx, 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, Scrum

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.