

# Anto Dominic

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<https://www.antodominic.com>  
[antodoms@gmail.com](mailto:antodoms@gmail.com) | +61-452472442

## SKILLS

### Language Skills

♦Fluent in English, Hindi & Malayalam

### Computer Skills

#### Advanced:

♦Ruby On Rails ♦Ruby ♦Angular ♦NodeJS  
♦postgreSQL ♦MySQL ♦Nginx ♦Capybara  
♦RSpec ♦Spree ♦Elasticsearch ♦Jquery ♦Heroku  
♦Active Records (ORM) ♦Cloudflare ♦Slack  
♦MongoDB ♦RedisDB ♦AWS EC2 ♦AWS  
ECS ♦AWS EKS ♦AWS API Gateway ♦AWS  
Lambda ♦AWS RDS ♦AWS ECR ♦AWS  
ElasticCache ♦AWS Cloudwatch ♦AWS  
ASG ♦SSO Implementation with Ruby ♦AWS  
Route53 ♦Docker ♦Bitbucket  
Pipeline ♦Jenkins ♦HTML5 ♦CSS3 ♦NodeJS ♦  
Spinnaker ♦Elastic Stack ♦Mean Stack  
♦Salesforce DX

#### Intermediate:

♦Beaglebone Black ♦MATLAB ♦CodeIgniter /  
Laravel ♦JavaScript ♦Android ♦MPLAB  
♦Phonogap ♦Assembly - Language  
♦Raspberry Pi ♦Blockchain ♦AngularJS  
♦React Native ♦Django ♦PHP ♦EaselJS

#### Novice:

♦ROS ♦C# ♦OpenCV ♦SailsJS ♦R  
Programming

## EDUCATION

### ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY (RMIT)

Masters in Information Technology  
JUL 2015 - JUL 2017 | Melbourne, Victoria, AUS  
CGPA: 3.6/4

### VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY

B.Tech in Electronics And  
Communication  
JUL 2014 | Muvatupuzha, Kerala, India  
CGPA: 6.92/9

### VIMALA PUBLIC SCHOOL

12<sup>th</sup> Grade - AISSCE (CBSE)  
MAR 2010 | Thodupuzha, Kerala, India  
PERCENTAGE : 86 %

### SHANTHAL JYOTHI PUBLIC SCHOOL

10<sup>th</sup> Grade - AISSE (CBSE)  
MAR 2008 | Muttom, Kerala, India  
PERCENTAGE : 85 %

## EXPERIENCE

### REINTERATIVE PTY LTD | Senior Ruby Developer

January 2020 – Present | Remote (from Melbourne, VIC, Australia)

- ♦ Development of new features for the StoreConnect product using ruby on rails and salesforce development. Mainly working on the payment integrations for the product.
- ♦ Maintenance and development of new features for an online course product.
- ♦ Technologies used – Ruby on Rails, Salesforce, Heroku, AWS.

### RMIT UNIVERSITY | Casual Tutor

MAR 2018 – Present | Melbourne, VIC, Australia

- ♦ Tutoring for Rapid Application Development course which is specifically designed to teach Ruby on Rails to Undergraduate Students at RMIT.

### ASTA SOLUTIONS PTY LTD | Ruby Team Lead

NOV 2017 – December 2019 | Melbourne, VIC, Australia

- ♦ Leading the Ruby Team here at Asta.
- ♦ Certified AWS Solution Architect Associate (CSA).
- ♦ Solution Design and Development of numerous project.
- ♦ Containerise various projects using ECS and Kubernetes.
- ♦ Architectural design, documentation, scoping and proposal.
- ♦ Setting up CI/CD for various Rails, NodeJS, Angular, Django and PHP projects.

*Technologies used – Ruby on Rails, AngularJS/Angular4, NodeJS, MEAN Stack, Elastic Stack, Kubernetes/Docker, Bitbucket Pipelines, Spinnaker, AWS EKS, AWS API Gateway, AWS Lambda, Django.*

### ASTA SOLUTIONS PTY LTD | Senior Software Engineer (Ruby)

DEC 2016 – NOV 2017 | Melbourne, VIC, Australia

- ♦ Working as Software Engineer and responsible for providing support and development for all ruby projects including ops.
- ♦ AWS architecture infrastructure design for various Ruby projects. (EC2, ECS, ECR, S3, DynamoDB, ElasticCache, RDS).
- ♦ Rails App Query optimization (complex joins) and Monitoring (New Relic, Datadog, Loggy, Skylight).
- ♦ Upgrading old rails application to more secure and latest versions with better queuing mechanism.
- ♦ Implement Single Sign-On with ADFS and F5 APM using SAML Authentication in a Rails App.
- ♦ Good understand of security and safeguarding rails app against penetration testing.
- ♦ Worked on a prototype project that stores copyright information on NEM blockchain using Rails 5 API and AngularJS.

*Technologies used – Ruby on Rails, Spree Commerce, PostgreSQL, MySQL, MongoDB, RedisDB, MemCached, Sidekiq, Capistrano, bitbucket pipeline, Jenkins, docker, Digitalocean, AWS ECS, AWS ECR, PHP, React Native, AngularJS and Blockchain.*

### HAYS RECRUITMENT | Ruby Developer Consultant

OCT 2016 – DEC 2016 | Melbourne CBD, VIC, Australia

[store.leocussen.edu.au](http://store.leocussen.edu.au)

- ♦ Working on existing spree commerce website to add custom product search using Elasticsearch and adding customized product listing pages.
- ♦ Adding the new design changes to match the new parent website's design.
- ♦ Updating other existing features such as automation scripts and elastic search gem to match the new changes.

*Technologies used – Ruby on Rails, Spree Commerce, PostgreSQL, Elasticsearch, Heroku, Rspec, Coffeescript, Deface, CSS3, Github.*

## BUILDING4BUSINESS (B4B) | Fullstack / Ruby Developer

NOV 2015 – OCT 2016 | Malvern, VIC, Australia

[thehelm.com.au](http://thehelm.com.au)

- ♦ Design and Documentation of Technical Infrastructure.
- ♦ Address and find solutions for the Scalability Issues.
- ♦ Complete Backend Development for the Product using Ruby on Rails, PostgreSQL and complete VPS Server Setup and monetizing.
- ♦ Monetizing Load Balancing Servers and Instances.
- ♦ Subscription system and Securepay payment gateway integration.
- ♦ Helping with the Front-end Development using CSS3, JQuery, CreateJS, HTML5 Canvas and Ajax.

♦ *Technologies used* – Ruby on Rails, CreateJS Framework, Bootstrap3, CSS3, Javascript, Ajax, JQuery, RABL, Rspec, Nginx, Unicorn, PostgreSQL DB, Bitbucket, Cloudflare CDN, RapidSSL

## LINKS

Github: // <https://github.com/antodoms>

LinkedIn: // <http://in.linkedin.com/in/antodoms>

Twitter: // <https://twitter.com/antodoms>

StackExchange: // <http://stackexchange.com/users/5385206/anto-dominic>

## PERSONAL

**Father's Name:** Dominic M. S

**Date Of Birth:** November 7, 1991

**Citizenship:** Indian

**Marital Status:** Single

**Research Interests:** Blockchain, Data Science, Robotics, UAV, RC Planes, Artificial Intelligence

**Hobbies:** Gaming, Badminton, Table Tennis, Movies & TV Series.

## REFEREES

**Dr. Andy Song** (Colleague at RMIT)

RMIT University

[andy.song@rmit.edu.au](mailto:andy.song@rmit.edu.au)

**Jeniston Jesudasan** (Ex. Colleague @ Asta)

Carsales Ltd

[jeniston.jesuthasan@gmail.com](mailto:jeniston.jesuthasan@gmail.com)

**Cecily Macdougall** (MD @ B4B)

Building4Business Pty Ltd

[cecily.macdougall@building4business.com.au](mailto:cecily.macdougall@building4business.com.au)

**Jessie Chen** (Colleague @ B4B)

Building4Business Pty Ltd

[jessie.chen@building4business.com.au](mailto:jessie.chen@building4business.com.au)

**Sven Krome** (Researcher–Colleague @ RMIT)

Geelabs RMIT/AUDI

[sven.krome@eye-track.me](mailto:sven.krome@eye-track.me)

## FREELANCE DEVELOPER | Fullstack Web Developer

JULY 2015 – Present | Melbourne CBD, VIC, Australia

[boozebuzz.com.au](http://boozebuzz.com.au) (2 Months)

- ♦ Small design and layout changes on the existing websites including making the website responsive and adding bootstrap3.
- ♦ Migrating the website to a new shared hosting account.
- ♦ Creating a feature to redirect the user based on their PIN code to area specific listings.

♦ *Technologies used* – Wordpress CMS, Cpanel WHM, PHP, Bootstrap3, CSS3

[cinchskin.com.au](http://cinchskin.com.au) (3 Months)

- ♦ Create the complete Website from scratch using Spree Commerce, Bootstrap3 and Rails.
- ♦ Added a feature to Spree that would allow Priceline staffs participate in the surveys & admin can add or manage the surveys and also get the winners of the survey.
- ♦ Integrated the admin user to add custom pages & blog posts from the Admin page.
- ♦ Added Stripe payment gateway integration & SSL integration using RapidSSL.
- ♦ Deployed the Website on Digitalocean server using Nginx, PostgreSQL & Unicorn.

♦ *Technologies used* – Spree Commerce, Ruby on Rails, Bootstrap3, CSS3, Javascript, Nginx, Unicorn, PostgreSQL DB, Bitbucket, Cloudflare CDN, RapidSSL

[sxpglobal.com.au](http://sxpglobal.com.au) (previously, [thehelm.com.au](http://thehelm.com.au)) (3 months)

- ♦ Currently responsible for maintaining and adding future features on to the existing application.
- ♦ I worked on this company for 1 year and took a break for 6 months as I joined another company and building4business asked me if I could help them out with further development as a casual freelance developer.

♦ *Technologies used* – Ruby on Rails, Bootstrap3, CSS3, CreateJS, Javascript, Nginx, Unicorn, PostgreSQL DB, Bitbucket, Cloudflare CDN.

## GEELABS | Product Developer Intern

NOV 2015 – MAR 2016 | RMIT Design Lab, Melbourne, VIC, Australia

[svenkrome.com](http://svenkrome.com)

- ♦ Design and Implementation of Applications for the Autonomous Driving Context.
- ♦ Central responsibilities also include the design, development and implementation of the prototype including, software programming, hardware design and interaction development.
- ♦ In collaboration with AUDI Electronic Ventures. Testing vehicle is an AUDI A8.
- ♦ Technologies used includes Android and Arduino Programming and Simulations.

♦ *Technologies used* – Arduino, Android App Development, Electronic Modules (Bluetooth, WiFi, RFID)

## PEPALO | Co-Founder & Web Developer

AUG 2009 – JUN 2015 | Thodupuzha, Kerala, India

[pepalo.com](http://pepalo.com)

- ♦ Designed and developed a Facebook Cover Publishing Social Network using CodeIgniter PHP Framework, Facebook API, CSS, HTML, Ajax and Javascript.
- ♦ Integrated Jekyll Blogging platform into a Ruby on Rails Application project.
- ♦ Developed and Designed an iOS Game, *Tomato Bash* using Objective C, Cocos2d-iPhone and Gamecenter API.
- ♦ Contributed to the development of an Instant Messaging App using Google Cloud Messaging (GCM) for Android.

♦ *Technologies used* – CodeIgniter, Laravel, Ruby On Rails, XCode, PHP, Python, Java, Android, iOS

## **TECHOMAG | Founder & Blogger**

January 2009 – November 2014 | Thodupuzha, Kerala , India [techomag.com](http://techomag.com)

- ◆Designed and developed a Wordpress Child Theme using Twitter Bootstrap 3.0 , PHP, Ajax, HTML5 and CSS3.
- ◆Technologies used –PHP, Wordpress CMS, CSS3, Bootstrap3, JQuery, Javascript, Swift Framework

## ACADEMIC PROJECTS

### **BEACONOID**

FEB 2017 - JUNE 2017 | Melbourne, VIC , Australia

Beaconoid is an app that provides analytical reports about number of people coming to a store or most popular category in a store based on advertisement usage which is tracked with the help of Eddystone beacons placed all around the store. The beacons were used to track user movements and provide customers suggestions on advertisements based on the location or beacon proximity on their Android application. The backend is rails 5 web api and the mobile App was build using Android (Java), testing was done using Selenium and deployment was done using docker and AWS ECS instance. We used postgresDB for storing relational data, MongoDB to store big data of user tracking info and RedisDB to provide realtime reports using websockets.

### **QUADCOPTER USING BEAGLEBONE BLACK AS FLIGHT CONTROLLER**

JAN 2014 - MAR 2014 | Muvatupuzha, Kerala , India

In this project I was responsible for the circuit designing using Fritzing, programming, assembling, learning the flight principles, formulating the flight controller logic and testing of the Quadcopter. I used Angstrom OS running on kernel 3.8.13 in beaglebone black and the programming was done in C++ and ARM Assembly Language.

### **BODHI 2013 WEBSITE**

OCT 2013 | Muvatupuzha, Kerala , India

Developed the official website and online registration system using HTML5, CSS3, JQuery, PHP, MySQL for Bodhi 2013 - National Level Tech Fest of VJCET.

### **WIRELESS GROUND SURVEILLANCE ROBOT**

FEB 2013 | Muvatupuzha, Kerala , India

I was responsible for designing the circuit of the Robot and Remote control using Proteus IDE and also programming the PIC microcontroller in both Robot as well as the remote controller for transmission of command signals via Zigbee module.

## TRAINING UNDERTAKEN

- ◆10 days training on PIC Microcontroller and Embedded C by Quest Innovative solution.
- ◆5 days online training webinar on Windows 8 App Development.
- ◆3 days workshop on 8051 Microcontroller and Robotics.
- ◆Online Course on Professional Ruby on Rails, BDD with Rspec3 & Capybara, iOS development using Swift and Unity3D at Udemy.
- ◆Online Course on Artificial Intelligence, Machine Learning and Autonomous UAV on EdX and Coursera.

## ACHIEVEMENTS

- ◆Recognized by Golden Key society as one of Top 15% students in RMIT for the year 2016-2017.
- ◆Was the Topper for my Software Engineering Postgraduate Project course held in Semester 1, 2017 RMIT with an overall of 100%.
- ◆Was the Topper for the Web Programming Semester 2, 2015 RMIT course with an overall of 98%.
- ◆Best Bachelors project in Electronics and Communication Engineering at VJCET 2014 Batch.
- ◆Secretary at IETE Student Branch VJCET (2013 – 2014)
- ◆Technical Coordinator at IEEE Student Branch VJCET (2013-2014)
- ◆Best Roboticist award for the 10 days PIC Microcontroller Training conducted by Quest Innovative Solutions.
- ◆Participated in 2 famous hackathons in India “AngelHack Kochi 2014” and “Edukinect Yappon 2013”

