

## Mr Joshua Wilkosz MC.Eng. B.Eng. melb

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Languages  
Java  
JS  
Python

Frameworks &  
Libraries  
Java EE  
React  
AngularJS

DataBases  
MySQL  
MongoDB

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### Experience

#### Software Engineer | Niugini Helicopters

Jan17-Current

Development of a management platform for flights and resourcing.

#### Software Engineer | Premier Technologies

Oct15-Mar17

Premier is a PCIDSS level 1 provider specializing in payment services for merchants and banks on an international level. The role included developing products and services within a highly available and secure environment. Core Projects included:

- API service integrations with clients, and vendors.
- Dashboard Platform which allowed for more effective and efficient servicing of clients.

#### Co-Founder/Developer | Oshii Digital

Jan13-July15

Developing software solutions for businesses and clients. The company focused on website and application solutions, including:

- Integrations with medical management system Appointuit.
- Front and back end software solutions.
- Digital marketing strategies.

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### Education

#### Master of Engineering (Mechatronics) | The University Of Melbourne

2013-2015

*Commercialization accolade for faculty graduation project*

2014

Development of an automated camera orientation system (gimbal) for aerial vehicles. The project leveraged GPS based methods for positioning and localization of a Point Of Interest (POI), such that automated tracking could be achieved.

#### Bachelor of Engineering (Mechanical) | The University Of Melbourne

2009-2013

*Top accolade for faculty graduation project*

2012

Development of a drone platform designed for cinematography. The Client was focused on mapping building structures and required a platform for their Light Detection And Ranging (LiDAR) device.

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### Other Experience

#### Robotic Arm Design | The University Of Melbourne

Feb-May2014

Design and build of a 7 Degree Of Freedom robotic arm to be used by an Architecture Client to model an ant hive system. The Client used the robotic arm to work in an A4 envelope to pick and place small objects.

#### Engineering Internship | Iluka Resources Limited

Dec11-Mar12

Working within both Engineering and Maintenance sectors of the business to prototype and build solutions, and workshop process flows for their production line.