



## PERSONAL INFO

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### LinkedIn

<https://www.linkedin.com/in/the-jack-white>

### GitHub

<https://github.com/the-jack-white>

### Website

<https://the-jack-white.github.io/myportfolio/>

## EDUCATION

### HIGH SCHOOL:

#### Paul Roos Gymnasium

- Highest Grade passed: Grade 12 in 2012

### TERTIARY EDUCATION

#### University of Stellenbosch

- B.Sc of Human Life Sciences with Psychology (2013 - 2014)
- B.Sc of Geoinformatics (2014 - 2017) [complete]

### OTHER EDUCATION

- SEO 2018 Udemy Certification
- Treehouse: Full Stack JavaScript Course
- Treehouse: ReactJS Course

# JACK WHITE

Full Stack [MERN] Developer and  
Web Technology Enthusiast

## ABOUT

Eye-poppingly prolific, full stack developer with a passion for metrics and information. I have an arsenal of tools and languages under the belt to find solutions to all kinds of different problems. I strive to keep learning on a daily basis, in the shortest amount of time, with the most effective results. I worked on 4 large projects for LEM Verify. The project I've spent the most hours on and is the most proud of is the *Templator* project. This is built in ReactJS and is hosted on AWS S3. It uses Redux as state manager and makes use of a number of different packages and APIs, including, InteractJS, Jimp and React-Bootstrap. The second project is building an in-house WebRTC recorder, that has the ability to auto record via PubNub events.

## FULL STACK SKILLS

JavaScript Fundamentals	NodeJS	GIT	REST
ES6 JavaScript	npm	HTML5	HTTP
DOM manipulation	Express	CSS3	Ubuntu Linux
jQuery	MongoDB	Bootstrap5	Apple MacOS
JSON	ReactJS	WordPress	Microsoft Windows
Python	Redux	Atlassian Tools	AWS Products
RDS	Terraform - AWS	Zendesk	Docker

## EMPLOYMENT HISTORY

- **LEM Verify - May 2020 - Present [Paul Laight : +44 7885 905098 : paul@lemverify.com]**
  - Software Engineer
    - o Work on Jira tickets to improve the Client Dashboard, Internal Admin and Identity Capture Web App.
    - o Write Microservices on AWS Lambda in NodeJS to fix problems that is discovered.
  - ReactJS Developer
    - o Lead developer on Templator project - Project where image loads in from S3, then allowing the user to create ROIs on that image, and export/upload the coordinates of those ROIs [**Secondary active project**]
    - o Co-developer on Identity Capture web app - Web app where end-users need to prove their identity by firstly, uploading an identity document of their choosing (i.e. passport, ID or Driving Licence), secondly, record and upload a short video of themselves and providing address.
    - o Co-developer on WebRTC recorder - Building own in-house video recorder using WebRTC technology and PubNub events, instead of third-party WebRTC providers, such as Vonage (Tokbox) and Twilio. [**Primary active Project**]
    - o Developer on Client Insights project - Project of an insights dashboard for clients integrated into their current Client Dashboard.
    - o Developer involved in the conversion of current Client Dashboard that's built in AngularJS to ReactJS.
  - Customer Service
    - o Receive and respond to Zendesk tickets from clients, assigning them to the appropriate department/person or dealing with it myself.
  - Training
    - o Completed a course in AML and Financial Crime
    - o Completed a course in Data Protection
    - o Completed a course in Intro to Cyber Security

CONTINUE

## SOFT SKILLS

### Leadership

Expert

### Collaboration

Advanced

### Project Management

Advanced

## HARD SKILLS

### HTML5 & CSS3

Expert

### ReactJS

Advanced

### JavaScript / NodeJS

Advanced

### REST API - Express

Advanced

### JSON

Advanced

### GIT

Highly Skilled

### AWS (Lambda, S3, DynamoDB, etc)

Skilled

### MongoDB

Skilled

## EMPLOYMENT HISTORY CONTINUED

- **Biz2Click - Jan 2018 - April 2020 [Paul Stephens : +27 81 440 8927 : pstephens@biz2click.com]**
  - Front end Developer
    - o Developer of an average of 15 different projects working with colleagues all over the world.
    - o Maintained the website for the biggest client: Business Connexion: (<https://www.bcx.co.za>).
    - o Lead developer of the second largest project for client: HiDesign Group: (<https://www.hidesign-asia.com>, <https://www.hidesign-mea.com>, <https://www.hidesigneurope.com>)
  - Python Developer using Raspberry Pi
    - o Developer of a full functioning facial detection system integrated with AWS.
  - Amazon Web Service (AWS) developer using NodeJS
    - o AWS developer using NodeJS on Lambda to feed image data from S3 through Rekognition and analyzing the data in JSON log files and Cloudwatch.
  - Building IoT hardware devices
    - o Building IoT hardware devices using ESP32 and Arduino devices to plug into a Smart Home system that is running Home Assistant.
  - Building the front-end for a Smart Home app using ReactJS
    - o In charge of building a front-end for a Smart Home app prototype using ReactJS.
  - Amazon Web Service (AWS) developer using NodeJS
    - o Lead AWS developer using NodeJS on Lambda to extract text data from a PDF document using AWS Textract and analyzing the data in JSON log files and Cloudwatch.
- **Agri Technovation - June 2017 - Dec 2017 [Christian de Kock : +27 82 469 8444 : christian@agritechnovation.co.za]**
  - GIS Technician
    - o Mapping of ground chemistry, yield data and ground type, based on results received with the use of various different programs (ArcMap, ArcGIS Pro, QGIS, Google Earth Pro, SSToolbox, Surfer, Excel)
    - o Boosting productivity by 20% as well as increasing annual profit.
    - o Responsible for creating Python scripts to improve and boost productivity.
    - o Uploading data to Website back-end (agritechnovation.co.za)
- **Bivcon Promotions - Freelancing from Jan 2017 [Johan Schwartz : +27 82 660 0702 : johan@bivio.co.za]**
  - Campaign/Competition website management and troubleshoot any related issues.
  - Examples of Campaigns:
    - o Opstal Wedding Competition
    - o Swartland Winery Water Tanks Competition

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