

NICHOLAS BARFKNECHT

Software Developer



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EXPERIENCE

Software Developer

NML 📅 03/2018 - Ongoing

NML is a specialist financial services software development company, which works with some of South Africa's largest banks and investment platforms. During my time there I have worked on three different projects, including an investment platform, traffic management system and storage management solution.

- Debugged and solved countless production bugs that halted the investment process.
- Created automated statements and reports that financial planners and their 1 million customer base use daily.
- Formed part of a team that ported a legacy service bus traffic management system over to .NET Core and Azure DevOps services.
- Created a CI/CD release pipeline that changed a manual process to an automated one.
- Solved a storage reservation production bug the second day on the project.
- Tools/Tech Used : C#, Java, .NET Core, ASP.NET MVC v4, Entity framework, REST, SOAP, SQL server, Git, Microsoft Unity, Ninject, Knockout.js, JavaScript, jQuery, Azure DevOps services, JIRA

<https://nml.co.za/>

Software Developer

iO Systems 📅 08/2016 - 07/2017

Intelligent Output Systems is an integrated technologies provider that specialises in bespoke single page and web application solutions.

- Designed and implemented a customer relationship management system for a local steel exporter company.
- Developed a number of single page reactive websites for local businesses.
- Introduced the agile methodology, along with SCRUM to the software development process of the business.
- Tools/Tech Used : C#, .NET Framework, REST, SQL, Git, Trello, JavaScript

<https://www.ioSystems.co.za/>

Software Developer Intern

Nelson Mandela Bay Incubator 📅 01/2016 - 08/2016

The NMB incubator provides startup business owners with business, financial and project viability advice.

- Formed part of a team which determined the feasibility of local technology startups.
- Developed an android application that showcased local events, that made use of SQLite, client-server architecture and allowed for in application bookings.
- Tools/Tech Used : Android, Android Studio, Linux, REST, Git, XML, SQLite

SUMMARY

Focused and responsible software developer with over 3 years experience with 2 years of it in the fin-tech sector. A life long learner who gets joy out of learning new technologies and solving interesting problems.

TOP SKILLS

Programming languages

[C#](#) [Java](#) [JavaScript](#) [CSS/HTML](#)

[TypeScript](#) [Python](#)

Platforms & Frameworks

[.NET Core](#) [Node](#) [Angular](#) [jQuery](#)

[Linux](#) [Git](#) [Android](#)

EDUCATION

Masters of Computer Science and Information Systems

Nelson Mandela University

📅 2016 - 2018

- Emphasis on deep learning applied to computer vision.

Bachelor of Computer Science Honours

Nelson Mandela Metropolitan University

📅 2011 - 2015

- Emphasis on mobile device based computer vision.

Bachelor of Computer Science

Nelson Mandela Metropolitan University

📅 2011 - 2015