

ODIN MOJA

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[LinkedIn](#)

SUMMARY

Software engineer with almost a decade of professional experience building production systems across a wide variety of industries and team sizes, plus four years of applied computer vision research engineering (CI/CD, data pipelines, model deployment) in an academic ML lab. Comfortable across the stack: backend services, relational databases, and front-end web technologies. Primarily focused on .Net backend integration development. Recently completed a PhD in Information at Florida State University; available immediately for full-time or contract roles.

TECHNICAL SKILLS

- **Languages:** C#.Net, Java, Python, JavaScript, SQL, R, JSON, jQuery
- **Machine Learning:** YOLO, Anaconda Environments, Data Annotation, Jupyter Notebooks, NumPy, Pandas, Synthetic Data Pipelines, GenAI, Diffusion Models, Computer Vision, Object Detection, Pytorch, Keras
- **Frameworks & Patterns:** MVC, MVVM, Repository, Factory, Singleton, Message Queues, RabbitMQ
- **Data & Cloud:** MS SQL, MySQL, Microsoft Azure
- **Tools & Practices:** Git, Git Actions, CI/CD, Linux, HPC Environments, Agile/Scrum, Kanban, Code Review, APIs, Microservice Architecture

EXPERIENCE

Researcher & Graduate Lead Instructor, Florida State University May 2022 – May 2026

- CI/CD operations and version control for in-house research software development.
- Designed and deployed synthetic data pipelines for computer vision model training.
- Led weekly sprint standups using Scrum methodology; presented technical findings publicly.
- Also served as Graduate Lead Instructor / TA (May 2021–2026), teaching object-oriented programming (Java), databases, and web development fundamentals.

Principal Consultant — IQ Business Feb 2019 – Sep 2020

- Consulted with clients to analyze business processes and translate requirements into technical solutions and implementation strategies.
- Collaborated with multidisciplinary teams to deliver software and process improvements aligned with business objectives.
- Was primarily sub contracted by IQ to Clientele Life, a major insurance entity.
- Position was a maintenance and modification heavy assignment with some new product development.
- Dealt with high volume and velocity transactions. Success was highly dependent on leveraging C#.Net Entity Framework with extremely efficient calls and effective use of stored procedures on the database end.

Software Developer — Credit Gateway Pty Ltd Jan 2018 – Oct 2018

- Developed web-based financial wellness applications using C#, MVC architecture, and MS SQL; implemented the repository pattern for data access and deployed to Microsoft Azure.
- Conducted code reviews, maintained development standards for a small engineering team, and managed version control using Git-based workflows.

Software Developer — GetBucks / MyBucks May 2015 – Jul 2017

- Engineered back-end logic for a FinTech loans engine, translating complex financial rules into functional software for clients in underserved socio-economic classes.
- Maintained database systems handling loan events and payment processing and enhanced an internal client dashboard used for loan and account management.
- Participated in Agile development cycles (Scrum/Kanban); all pull requests reviewed by at least two developers before merging.

Software Developer — Chase Media Oct 2014 – Apr 2015

- Maintained and enhanced advertising campaign management software handling TV, radio, and billboard bookings, billing, and execution.
- Developed new application modules using C# and MVVM architecture.
- Assisted in migration of legacy systems from the Chase 2 to Chase 3 platform.

Software Developer — Retro Rabbit Sep 2012 – Oct 2014

- Delivered software solutions for multiple clients across Pretoria and Johannesburg, translating requirements into specifications and implementing primarily on the .NET framework.
- Worked across AngularJS, PHP, MySQL, and the Google Maps API on varied client projects.

EDUCATION & AWARDS

Ph.D. in Information — Florida State University

May 2026

M.S. Information Technology — University of Pretoria

December 2018