

# Intermediate Software Developer



Suite 4B, Rydall Vale Park  
2 Rydall Vale Crescent  
La Lucia Ridge, 4019  
Kwa-Zulu Natal  
<https://www.synapcam.com/>  
stevenv@synapinc.com

## About the job

Synap is an AI technology company with a passion for innovation. We conceptualize, design, develop, and manufacture custom products and systems solutions.

Our team combines expertise in AI Machine learning, Design, Engineering, Marketing, and Branding. We love innovating new solutions to existing problems to make truly great products.

Our team is looking for talented software developers to build great products that shape the landscape of AI, globally-scaled software integrations and highly-fault tolerant IoT solutions.

We are a dynamic, tech-driven startup looking for creative and hard-working team members with a passion to learn and grow.

### Who's who in the tech space

This position reports to the Chief Software Architect.

### Your mission, should you choose to accept it:

#### You will:

- Design, develop and improve existing software solutions
- Troubleshoot Azure-based IoT solutions and maintain high throughput on event streaming systems
- Brainstorm to find the best solutions with the team
- Make an impact on software design and code reviews
- Support the best AI Driver safety products on the market

#### You are expected to:

- Be creative
- Make decisions and own them
- Learn and grow
- Take pride in your contributions
- Fail forward

#### The skills we need:

- Learn by doing
- Focused on long-term solutions
- Understanding of the benefits with the open-source landscape
- Critical thinker, with the ability to use data to drive their decisions
- Self-managed expectations
- Present ideas well verbally and through documentation

**Qualifications & Experience:**

- 3 year computer science degree preferred (or equivalent experience)
- At least 3 years of professional experience in Frontend and Backend solutions
- Strong Computer Science fundamentals
- Good understanding of database development and design
- Experience developing applications with .Net Core and Web-based applications.
- Experience developing mobile applications in Flutter (or a Swift, Java, or React mobile application)
- Understanding of building reusable components in a mobile application
- Understanding of asynchronous and reactive user interface lifecycles within a mobile application.
- Experience with consistent state management in mobile applications

**Desirable Skills**

- .Net 6 development experience
- SQL Server (Dapper ORM)
- Flutter development experience
- Android and iOS development experience
- Some Javascript client-side application experience
- Experience working with unit test frameworks
- Good understanding of HTTP Standards and RESTful APIs
- Embrace Open-Source software
- Knowledge and appreciation of Flutter-based development standards that work well across iOS and Android
- Experience developing IoT applications
- Experience working with software development tools including Git, Azure DevOps

**Beneficial Knowledge includes:**

- Understanding of SOLID principles
- Understanding of Domain driven design
- Familiar with Agile / Kanban
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- Event Streaming (EventHubs or Kafka)
- Azure IoT Hub
- Azure CosmosDB
- Flutter Streams
- Bluetooth Low Energy Integration
- Mapbox Integration
- Docker
- Kubernetes
- ELK stack
- Prometheus and Grafana
- Distributed Tracing (Jaeger, etc. ) with .Net 6
- Liquibase or Flyway database migrations