

Junior Software Developer



Suite 4B, Rydall Vale Park
2 Rydall Vale Crescent
La Lucia Ridge, 4019
Kwa-Zulu Natal
<https://www.synapcam.com/>
stenv@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 mobile Flutter software solutions
- Adhere to Flutter state management standards
- Make an impact on mobile user interface design and continuously improve the mobile applications
- Integrate with Bluetooth Low Energy peripherals
- 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 2 years of professional experience with Frontend solutions
- Strong Computer Science fundamentals
- Good understanding of Mobile applications and Web APIs
- 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

- Flutter (or similar level of React mobile experience)
- Android and iOS development experience
- JavaScript client-side application experience
- Experience working with unit test frameworks
- Good understanding of HTTP Standards and RESTful APIs
- Knowledge and appreciation of Flutter-based development standards that work well across iOS and Android
- Experience developing Bluetooth Low Energy integrations
- Experience with Geolocation-based integrations with SDKs, such as Mapbox, OpenStreetMap, etc.
- Experience working with software development tools including Git, Azure DevOps

Beneficial Knowledge includes:

- .Net Core
- Familiar with Agile / Kanban
- Understanding of SOLID principles
- Understanding of Domain driven design
- Bluetooth Low Energy Integration
- Azure CosmosDB
- Flutter Streams
- Mapbox Integration
- ELK stack
- Distributed Tracing with .Net 6