

bytefuse



About the Company

Bytefuse is an Artificial Intelligence (AI) Research and Development company that forms part of the Alphawave Group. We operate as a rapid prototyping unit that **collaborates with partners** to understand the complexities within each **unique context** to develop solutions that solve immediate, real-world challenges.

We are on a mission to improve lives through contextual AI, and have a great deal of work ahead of us. If you want to make a tangible impact, keep pushing your understanding of the world of AI and work with a team of leading experts then Bytefuse might be the right place for you.

Our Team and Environment

We're a team of innovators, problem-solvers, and creators, who are **curious and optimistic** about new opportunities and challenges. We encourage **unconventional thinking**, and exploring different approaches to solving problems. Our startup culture creates a **safe-to-fail** and familiar environment where our team can collaborate, learn, experiment, hone their skills, and contribute to **solving real-world problems**.

We are committed to the **personal growth and development** of our team and support the participation in **international conferences**.

Our Offices

We have offices, situated within **Techno Park**, in the beautiful surroundings of Stellenbosch, and **Montague Gardens**, close to the centre of Cape Town. We offer flexible working hours, allowing for a healthy work-life **balance**. The team can work remotely on Wednesdays. We have unlimited barista style **coffee**, and the option to order daily meals for lunch.

Job Description: Senior Software Engineer

As a Senior Software Engineer, you will play a crucial role in designing, building and deploying scalable software solutions that contribute to the successful delivery of our AI products.

We are a small (but growing) team which allows you to influence how we think about and solve problems. We are working with extremely challenging problems and you'll have the opportunity to shape our products.

Key Responsibilities

- Collaborate with the development team in designing and implementing software solutions that meet our business values and technical specifications.
- Write clean and maintainable code using best practices and industry standards.
- Participate in code reviews and provide constructive feedback to team members .
- Lead and contribute to the architecture and technical design of software systems, considering scalability, performance, and security.
- Debug and troubleshoot issues in software systems, identifying root causes and implementing effective solutions.
- Stay updated on emerging technologies and industry trends, applying new knowledge to improve our software development processes and practices, as well as security.
- Communicate effectively with team members and stakeholders, providing regular updates on project progress and identifying any potential risks or challenges.

Qualifications

- Bachelor's degree in Computer Science, Engineering, or related field. A Masters degree is advantageous.
- 6+ years of experience in software development, preferably in a startup or fast-paced environment.
- Proficiency in Python, CI-CD practices, REST-APIs, and concurrency.
- Built the wrong system enough times to know the common pitfalls.
- Experience scaling products with a large user base is beneficial.

- Experience with Agile development methodologies and tools and experience working in Agile teams.
- Excellent problem-solving skills and attention to detail.
- Strong communication and collaboration skills, with the ability to work effectively in a team environment.

How to Apply?

Email your CV to careers@bytefuse.ai. Please reach out if you have any questions.