

Senior Software Developer (Team Head)

Job Offer

The Company

3Brain AG is a Swiss deep tech company working on cell-electronic interfaces that link biological networks to computers via custom-made semiconductor microchips. Our mission is to empower life scientists to probe intelligent networks, accelerate biomedical discoveries for the benefit of patients, and create a future more exciting than the present. Our interdisciplinary team of scientists and engineers are constantly pushing the boundaries of engineering for life's complexities. We are ambitious, fast-growing and love to explore. The company is headquartered in Switzerland nearby Zurich, has a Data Science and Discovery Unit in Genova, Italy, and has installed its cutting-edge products in laboratories and pharma companies worldwide.

More info: <http://www.3brain.com/about.html>.

Job description

3Brain is seeking an experienced Senior Software Developer (Team Head) with a strong background in .NET projects and passionate about programming to join its Italian unit. As the Head of a software team, you will play a pivotal role in shaping the future of our software solutions. This position also requires hands-on design, coding and maintenance of the software suite. Main responsibilities:

- Lead and mentor a team of software developers, ensuring high-quality work and continuous skill development.
- Define data architecture, create, design, write, and maintain high-quality code in different programming languages, ensure a good data flow between database and backend systems, and strive to achieve the best possible performance, quality, and responsiveness of applications.
- Responsible for ensuring that model code, data pipelines, APIs, and user interfaces are developed and deployed successfully into production, and troubleshooting issues that arise.
- Ensure adherence to industry standards, best practices, and regulatory requirements.



- Ensure that the technical solutions meet the customers' goals, analyze user needs, and participate in meetings to define requirements.
- Coordinate activities with other project teams to ensure product integrity.
- Act as the go-to expert for the entire technology stack, demonstrating a deep understanding of all layers of the stack, including front-end, APIs, back-end, server, network and how it relates to business needs.
- Technically document deliverables through use cases, design documents, and technical specifications.
- Develop and/or review the development of test protocols for testing applications before distribution to users.
- Develop and implement solutions to fix errors, improve software performance, and enhance user experience.

Required Qualifications

- Bachelor's degree in computer science, information technology or similar.
- At least 5 years of hands-on experience in each of the following tech: C#, ASP.NET, SQL, GIT, Visual Studio, HTML/CSS and Javascript.
- Experience with WinForms, TypeScript, Angular and NoSQL.
- Experience with software design, architecture, and development methodologies.
- Collaborative problem-solving ability, action-oriented and results-focused.
- Excellent English language skills.
- Applicant must have an EU residence permit.

Additional Qualifications

- Candidates experienced with DevExpress eXpressApp Framework (XAF) are strongly preferred.
- Experience with Agile development methods and with backlog management tools (e.g., JIRA).

What We Offer

- A dynamic and stimulating work environment driven by a desire to build transformational technologies to help others.
- A young, fast-growing company with plenty of opportunities for personal growth and development.
- Working place: **Genova, Italy**. It is a wonderful Mediterranean city with and incredible history, located at the heart of nearby world-renowned places Cinque Terre or Milan, the fashion and business hub of Italy.



To apply send your CV and short motivation letter to hr@3brain.com, subject: [Senior Software Developer \(Team Head\)](#). **Your CV must include the years of experience for each of the technologies at item 2 in “Required Qualifications”**

