

Software Engineer II - FEA

Location: Kato Scholari, Thessaloniki



Join BETA CAE Systems, Greece, as a **Software Engineer II** and become part of Cadence Design Systems, the pivotal leader in mechanical and electronic systems design.

Leveraging Cadence's Intelligent System Design strategy and BETA CAE's innovative engineering solutions, we deliver advanced products that empower some of the world's most forward-thinking companies across diverse industries such as consumer electronics, hyperscale computing, communications, automotive, aerospace, and healthcare.

In this role, you will contribute to shaping the future by collaborating with cross-functional teams across both companies to develop and promote impactful products and strategies. Joining us means becoming part of a dynamic and evolving environment where teamwork, innovation, and a global perspective drive our continued success and leadership in the industry.

Your day-to-day tasks will include:

- Develop and maintain high-quality C/C++ code for Linux and Windows environments
- Build software tools that streamline the setup and execution of finite element (FE) analyses and simulations
- Design and implement algorithms for solving engineering problems, delivering robustness and scalability
- Process datasets coming from various CAE programs
- Create advanced visualizations for FE models, datasets, and simulation results to support analysis
- Collaborate cross-functionally with global teams in R&D, Customer Service, and QA

Qualifications you need to have:

- Master's degree in engineering (Mechanical or Civil)
- Knowledge of statics and strength of materials
- Analytical thinking and problem-solving skills
- Proficiency in English

Qualifications that will be considered:

- Diploma or master thesis in Computational Mechanics or related field.
- Knowledge of the Finite Element Method
- Experience in CAD/CAE software packages
- Familiarity with numerical analysis techniques
- Programming experience in C/C++



What we offer:

- Permanent employment contract following a six-month evaluation period
- Competitive salary package
- State-of-the-art and continuously updated equipment (hardware and software)
- Ongoing training in the latest technologies related to the field
- Opportunities for professional growth and skill enhancement
- Private health insurance
- Employee Assistance Program
- Complimentary breakfast and lunch at the company dining hall
- Company-provided transportation to and from the premises
- Fully equipped on-site gym Kato Scholari
- Participation in the company's Private Pension Fund (T.E.A.)
- Ample parking facilities with electric car charging
- Comfortable and modern working environment

Apply now for a place in our team!

We would gladly receive your application at: [Cadence Careers](#)