# Job Search Channels – Homework

## Research 3 Companies from the SoftUni Partners

SoftUni partners available here: <https://softuni.bg/partners>.

Do research about the selected 3 companies and fill the tables given below.

### Company #1 – {SmartIT}

#### Company Info

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| Company name: | SmartIT |
| Company structure | Corporation |
| Web site: | <https://smartit.bg/> |
| Major products / services: | **Develop and maintain complex software systems:**  **-** BI Development  - IT Administration  - ERP Development  - IT Support and Consulting  - WEB Development |
| Company type: | mixed |
| Major technology stack: | Python, Saltstack, Terraform, Azure DevOps (advantage), GitHub Actions, GitLab CI/CD, etc.  Java + Spring + MySQL  C# + ASP.NET |
| Company culture | - Guided by their core values of Humanity, Innovation and Responsibility, SmartIT work openly in an environment of closeness, recognition and trust  - a team with smart, friendly, talented, hardworking and committed to doing great work people. |
| Other info: | ensures the work of 8300 employees and the companies in Management Financial Group in Bulgaria, Romania, Poland, Ukraine, Northern Macedonia and Spain. |

#### Position #1 – { Junior IT Support }

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| Position title | Junior IT Support |
| URL | <https://dev.bg/company/jobads/smartit-junior-it-support/> |
| Job responsibilities | - Daily communication with clients regarding technical issues via phone, email and through an IT service management system.  - Troubleshooting and solving software, hardware, computer peripherals, networks and Internet related cases  - Preconfigure and installation of computer equipment;  - Creation of user accounts for access to various systems;  - Documenting and tracking the status of user inquiries, coordinating responses and taking care of customer satisfaction;  - Monitoring for timely and quality information flow between the different departments;  - Creation of technical documentation based on requests for technical assistance |
| Job requirements | * University degree or equivalent knowledge in the field of information technology; * Experience with support of Windows 10/11 operating systems; * Excellent knowledge of computer equipment and methodology for identification and elimination of hardware problems; * Effective use of application software: MS Office (including Skype for Business) * Excellent organizational and communication skills; * Teamwork and analytical thinking; * Attention to details; * Self-initiative and responsibility for the assigned tasks; * Ability to work under pressure and flexibility in solving any case |
| Technologies (keywords) | Azure Active Directory, Cisco, Microsoft Office 365, DNS, MikroTik |
| Benefits | * Remote work opportunity. * 30 days of paid leave. * Health insurance. * Food vouchers. * Interesting work on new and long-run projects. * Multisport card at a discounted price. * Healthy snacks – free fruits, nuts and beverages. * Access to e-learning platforms. * Smart mobile phone and sponsored mobile plan. * Shopping cards with discounts. * Company-sponsored training and certification. * Recreation room. * Regular team buildings and celebrations |

#### Position #2 – { Senior DevOps Engineer }

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| Position title | Senior DevOps Engineer |
| URL | <https://dev.bg/company/jobads/smartit-senior-devops-engineer/> |
| Job responsibilities | * Consulting with management on the operational requirements of software solutions. * Mentoring junior DevOps engineers in gaining experience. * Collaborating with developers and system administrators on software requirements, as well as interpreting test stage data. * Design, build and maintain the CI/CD processes * Design and implement all the DevSecOps practices and processes. * Creates and improves the scripts used for deployment * Implements Infrastructure as a Code delivery pipelines (Saltstack, Saltcloud) * Involved in all aspects of software development lifecycle (SDLC) |
| Job requirements | * Configuration management tools – Saltstack (advantage), Ansible, Chef, Puppet, etc. * DevSecOps * More than 4 years of CI/CD pipelines such as Azure DevOps (advantage), GitHub Actions, GitLab CI/CD, etc. * Infrastructure as a Code (IaaC) tools – Saltcloud (advantage), Terraform, etc. * More than 3 years with Kubernetes   **Nice-to-have expertise:**   * Templating (Go, Jinja, etc). * Scripting expertiense with any of the following – Python, Powershell, Bash, etc. * ELK (Elastic cloud), Nginx or Hashicorp Vault. * Windows Server and/or Linux administration.   **Personal skills:**   * Team-player having very good communication skills * Self-organized and highly collaborative * Open and outgoing personality * Flexible and can-do attitude * Continuous learning attitude |
| Technologies (keywords) | Python, Saltstack, Terraform, Azure DevOps (advantage), GitHub Actions, GitLab CI/CD, etc. |
| Benefits | * Remote work opportunity * 30 days of paid leave * Health insurance * Food vouchers * Interesting work on new and long-run projects * Multisport card at a discounted price * Healthy snacks – free fruits, nuts and beverages * Access to e-learning platforms * Smart mobile phone and sponsored mobile plan * Shopping cards with discounts * Company-sponsored training and certification * Recreation room * Regular team buildings and celebrations |

### Company #2 – {Bosch}

#### Company Info

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| Company name: | Bosch |
| Company structure | Corporation |
| Web site: | <https://www.bosch.bg/> |
| Major products / services: | Bosch develops innovative solutions that facilitate new mobility offerings. Whether for private or commercial vehicles, multimodal transportation services, fleet management, or smart transport infrastructure, Bosch brings together vehicle technology, the data cloud, and services to offer complete mobility solutions. |
| Company type: | mixed |
| Major technology stack: | C, C++, Embedded dev, Git, Jira, JAMA, UML …  Java + Spring + MySQL  C# + ASP.NET |
| Company culture | The Bosch Group's strategic goal is to provide "technology for life" for today's connected world. Bosch products and services are designed to inspire the user and improve the quality of life by offering innovative and efficient solutions.  Their mission is to contribute to safer mobility through software technologies with care for the environment and society. |
| Other info: | Bosch Group has been in Bulgaria since 1993 and has 850 employees and 3 companies  Bosch is a leading global supplier of technology and services for the automotive industry.  Bosch Engineering Center Sofia was founded in 2019 as an integral part of Bosch worldwide engineering network. |

#### Position #1 – {JUNIOR FUNCTIONAL SAFETY SOFTWARE ENGINEER }

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| Position title | JUNIOR FUNCTIONAL SAFETY SOFTWARE ENGINEER |
| URL | <https://dev.bg/company/jobads/bosch-engineering-center-sofia-junior-functional-safety-software-engineer/> |
| Job responsibilities | **Your Daily Routine:**   * Work as part of a team developing product according to ISO26262 standard. * Very good knowledge and understanding of ISO26262 2nd Part6, Part8 Chapters11,12, Part10 Chapters9,11. * Experience in SW development according to ISO26262 2nd Part6. * Knowledge and understanding of all ISO26262 2nd Parts is considered as a plus. * Assist software team in specifying software safety requirements derived from Technical Safety Concept and SW safety analysis. * Assist software team in developing software safety architecture based on SW Safety requirements. * Develop safety software components in the context of MISRA and ISO26262 guidelines and fulfilling the expected safety mechanisms. * Contribute to SW safety analysis. * Follow the software development processes for a safety compliance. * Monitoring software development activities and ensuring process compliance by conducting internal SW level reviews, i.e. verifying implementation of software safety requirements. * Maintain implementation status of software safety requirements. * Perform SW level tests specified in the SW test plan, based on ISO26262 2nd. * Generation of documentation and supporting items to meet functional safety compliance. |
| Job requirements | **Your Qualifications:**   * Bachelor or post graduate degree in electronics, automotive electronics, computer science or equivalent * 1+ years of experience in embedded systems and system and software analysis. * Knowledge of software development processes * Experience of requirements management tools (e.g. DOORS, JAMA, etc.) * Experience with defect and change management tools (e.g. RTC, JIRA, etc.) * Expertise in Version Control Systems (e.g. Git, CVS, SVN, etc.) * Preferably, knowledge for System Modelling Tools (e.g. Rhapsody, Enterprise Architect, etc.) * Preferably, knowledge for UML/SysML language * Fluent written and verbal English * German language will be considered an advantage   **The ideal candidate should possess and manifest a defined mindset:**   * Self-confidence * Willingness to evolve in a fast-paced high technology environment * Strong analytical thinking * Excellent communication skills * Outstanding ability for resolving conflicts * Ability to act as a mediator in negotiation processes * Well-built convincing potential * Willingness for mentoring and coaching |
| Technologies (keywords) | C, C++, Embedded dev, Git, Jira, JAMA, UML … |
| Benefits | * Flexibility – flexible working time and options to work from home * Career Development– personalized training programs and professional qualifications, development opportunities and programs, as well as foreign language courses * Work-life Balance – 25 days paid annual leave, additional day off on your birthday * Wellness – Multisport card, Private health insurance and life insurance * Engaging Social Activities – regular teambuilding activities, sporting events and celebrations * State-of-the-art Tech Labs – Image Quality Lab, Bench Rooms and Test Labs, Test Cars and e-Bikes, etc. * Modern Office – gaming and relax areas, fresh fruit and drinks, free parking * Additional Allowance and Discounts – food vouchers, lunch grant, transportation allowance * Personal Support – Parental bonus, Employee Assistance Program |

#### Position #2 – {SYSTEMS EXPERT FOR AUTOMOTIVE }

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| Position title | SYSTEMS EXPERT FOR AUTOMOTIVE |
| URL | <https://dev.bg/company/jobads/bosch-engineering-center-sofia-systems-expert-for-automotive/> |
| Job responsibilities | **Role Summary**   * Expert role in system engineering for development of automotive solutions from prototype phase through production launch. * Mastering all aspects of system engineering including functional analyzes, system architecture, system requirements definition. DFMEA, DFA and etc. * Work together with customer system team on a product’s system development concept. * Being mentor and expert with the organization and Bosch system community.   **Your Daily Routine:**   * Lead system activities in product’s system area or sub-area * Specify system and system context for the product * Participate in the system architectural design and system architecture reviews * Develop, select, validate, and document system concept(s) * Strong collaboration with System, Software, Hardware and Mechanical domains * Lead the Hardware – Software Interface definition(HSI) * Lead System Analyses (Functional Analysis, FMEA , FTA and Failure Analysis) * Support in Threat, Safety and Risk Analysis * Support in Security concept development * Support in Legal Analysis and compliance according to the international standards * Drive technical discussions and clarification with stakeholders, OEM and suppliers * Participate, organize, and moderate all types of interactions between the stakeholders * Work together with customer system team on a product’s system development concept * Collect, clarify, and agrees the stakeholder’s requirements * Analyze the compliance, impact, risk, and verifiability aspects of System Requirements (SysRS) |
| Job requirements | **Your Qualifications:**   * Master in electronics, automotive electronics, computer science or equivalent * 3+ years of proven experience in Automotive system engineering domain * 3+ years of proven experience as a Lead system engineer or system architect * System Engineering Professional (SEP) Certification * Deep knowledge of ASPICE and ISO 26262 * Knowledge in hardware design * Good understanding of real-time embedded software architecture * Experience with functional analyzes methods * Good understanding of Model Based System development * Experience with Matlab, Rhapsody, Enterprise Architect( SysML profile) or similar modeling tools * Experience with defect and change management tools (e.g. RTC, JIRA, etc.) * Experience with requirements management tools (e.g. DOORS, DOORS NG, etc.) * Expertise in Version Control Systems (e.g. Git, CVS, SVN, etc.) * Fluent written and verbal English * German language will be considered an advantage   **The ideal candidate should possess and manifest a defined mindset:**   * Self-confidence * Willingness to evolve in a fast-paced high technology environment * Strong analytical thinking * Excellent communication skills * Outstanding ability for resolving conflicts * Ability to act as a mediator in negotiation processes * Well-built convincing potential * Willingness for mentoring and coaching |
| Technologies (keywords) | ASPICE, Matlab, Git, CVS, SVN, etc. |
| Benefits | * Flexibility – flexible working time and options to work from home * Career Development– personalized training programs and professional qualifications, development opportunities and programs, as well as foreign language courses * Work-life Balance – 25 days paid annual leave, additional day off on your birthday * Wellness – Multisport card, Private health insurance and life insurance * Engaging Social Activities – regular teambuilding activities, sporting events and celebrations * State-of-the-art Tech Labs – Image Quality Lab, Bench Rooms and Test Labs, Test Cars and e-Bikes, etc * Modern Office – gaming and relax areas, fresh fruit and drinks, free parking * Additional Allowance and Discounts – food vouchers, lunch grant, transportation allowance * Personal Support – Parental bonus, Employee Assistance Program |

### Company #3 – { DraftKings }

#### Company Info

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| Company name: | DraftKings |
| Company structure | Start-up |
| Web site: | <https://careers.draftkings.com/> |
| Major products / services: | * Daily Fantasy Sports (DFS) mirrors season-long fantasy sports but condenses it into a shorter, more sweat-inducing format. * DraftKings Sportsbook is your one-stop for the world’s premier betting experience. * DraftKings Casino brings you all your favorite safe and secure online casino games. * DraftKings Marketplace is a digital collectibles ecosystem that offers curated NFT drops and supports secondary-market transactions. |
| Company type: | Product / service / mixed |
| Major technology stack: | JS, C#, ASP.NET, MS SQL, .NET |
| Company culture | At DraftKings, we believe in owning your success. This means owning your ideas, your role, your future—and a stake in the company.  Expectations, pace, and goals can make working here challenging. Yet, the autonomy and upside are worth it. Here, we know our work and ideas matter. When we give our best, we have a chance to own our success together.  Our work is fast-paced, exciting, and ever-changing. It comes from a winning culture where we overcome challenges and find ways to make the impossible possible.  To rise to the challenge, we need people who can lead us into a new phase of company growth and maturity. You’ll need to bring flexibility and focus to navigate an ever-changing environment. |
| Other info: |  |

#### Position – { Full-Stack Developer }

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| Position title | Full-Stack Developer |
| URL | <https://dev.bg/company/jobads/draftkings-full-stack-developer-retail-jr07368/> |
| Job responsibilities | * Work with our teams of highly skilled and talented engineers and architects to create, design, and implement best-in-class Retail Sportsbook Software for our customers. * Develop sophisticated and immersive sportsbook solutions, dashboard visualizations, and manipulate large and complex datasets for terminal and cashier experiences. * Product Development: * Work closely with the product team to understand the product vision and design, and help bring that vision to life. * Help create top-of-the-line features that drive DraftKings as a leading sportsbook and casino experience provider in the USA and internationally. * Engineering R&D: * Develop scalable software components based on the latest .Net stack. * Create services and APIs hosted on modern infrastructure with full automation capabilities * Work with containerization, virtualization and CI/CD pipelines. * Use relational and non-relational database systems. * Define and create service metrics, alerts and dashboards. * Code Quality: * Ensure that the codebase is well-organized, maintainable, and meets the high standards of the company. * Participate in code reviews and provide constructive feedback to other software engineers. * Research and Innovation: * Drive innovation and ensure that our technology stack is relevant and aligned with the company’s goals. |
| Job requirements | * Minimum 2 years of commercial experience in designing, developing, and testing enterprise code. * Strong knowledge of .NET framework (C#), ASP.NET and Web APIs. * Experience in database development using SQL Server or other relational databases. * Basic Experience with front-end technologies such as HTML, CSS, and JavaScript. * Familiarity with version control systems (e.g., Git). * Excellent problem-solving and debugging skills. * Strong verbal and written communication skills in English. * Ability to work independently and in a team environment. * Experience with functional programming as well as containerization and orchestration technologies such as Docker and Kubernetes will be a major advantage. |
| Technologies (keywords) | JS, C#, ASP.NET, MS SQL, .NET |
| Benefits | Providing an inspiring work environment where we build cohesive and collaborative teams of people. We provide continuous learning and development opportunities in the vast, rapidly changing technology world. We provide flexibility, open communication and trust that grows over time |