# 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 – Indeavr

#### Company Info

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| Company name: | Indeavr |
| Company structure | Corporation |
| Web site: | https://indeavr.com/ |
| Major products / services: | IT consulting, software development, outstaffing, digital transformation, AI solutions, cloud services |
| Company type: | Service-based |
| Major technology stack: | Java, Spring, .NET, Azure, AWS, AI/ML, Python, React, Node.js |
| Company culture | Collaborative |
| Other info: | Focuses on digital transformation, software development, and IT staff augmentation |

#### Position #1 – Junior Data Engineer

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| Position title | Junior Data Engineer |
| URL | https://indeavr.com/positions/data-engineer/ |
| Job responsibilities | * Extract and transform data from various data sources * Develop algorithms to transform data into useful, actionable information * Assemble complex data sets that meet business requirements * Participate in the planning and implementation of data mart/data warehouse solutions * Implement automation and optimization for data processing * Build and maintain data pipelines * Work with business and technological experts to deliver project results * Collaborate with the project team to derive insights, conclusions and recommendations * Present findings in an impactful and easy to understand manner |
| Job requirements | * Degree in a relevant bachelor or master program (preferably from a program with quantitative coursework – Data Science, Statistics, Econometrics, Applied Mathematics, Computer Science, etc.) * Strong analytical skills * A faster learner * Passion for data analysis and willingness to understand data in the context of the client’s business model and challenges * Demonstrated ability (within work or academic environment) to solve complex problems using a combination of business understanding and data analytics * Understanding of data collection, extraction and manipulation techniques * Experience or coursework with SQL, Python (or another programming language), Azure (or another cloud provider) * Understanding of relational databases * Demonstrated strong initiative, planning and organizational ability * Strong work ethic, intellectual curiosity and talent * Excellent communication skills; ability to establish and maintain effective working relationships with clients and INDEAVR personnel * Enthusiasm and willingness to build a career in the field of data engineering and analytics * Excellent written and oral communication skills both in English and Bulgarian |
| Technologies (keywords) | SQL, Python, Azure, cloud provider, relational databases, data collection, data extraction, data manipulation |
| Benefits | * Busy, dynamic and involving work day * Experience and performance-based remuneration package * Direct financial and mentorship support for professional and personal development * Opportunity to work within a culture that stimulates knowledge and experience sharing |

#### Position #2 – .NET/Optimizely Developer

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| Position title | .NET/Optimizely Developer |
| URL | https://indeavr.com/positions/net-optimizely-developer/ |
| Job responsibilities | * Develop Optimizely ASP.NET Core solutions * Test the product/solution in controlled, real situations before going live * Support, maintain and document software functionality * Maintain standards compliance * Follow best practices that are previously established in the company |
| Job requirements | * 2+ years of experience in a similar role * Knowledge in C#, ASP.NET Core, MVC, Web services * Experience with Optimizely CMS and DXP * Knowledge in Git, SQL Server, data structure and algorithms * Knowledge in HTML 5, JavaScript and CSS 3 * Passion and talent for technology * Being curious about new platforms, tools and concepts * General understanding of Agile methodology * Problem solving and analytical thinking * Professional appearance and business behaviour * Excellent written and spoken English * Team player with good communication skills and ability to establish and maintain effective working relationships with clients and INDEAVR personnel |
| Technologies (keywords) | C#, ASP.NET Core, MVC, Web services, Optimizely CMS, DXP, Git, SQL Server, data structure and algorithms, HTML 5, JavaScript, CSS 3 |
| Benefits | * Busy, dynamic and involving work day * Experience and performance based remuneration package * Direct financial and mentorship support for professional and personal development * Opportunity to work within a culture that actually stimulates knowledge and experience sharing |

### Company #2 – Microsoft

#### Company Info

|  |  |
| --- | --- |
| Company name: | Microsoft |
| Company structure | Corporation |
| Web site: | https://www.microsoft.com/ |
| Major products / services: | Windows OS, Microsoft Office, Azure Cloud, Xbox, Surface devices, LinkedIn, GitHub, Visual Studio, Microsoft 365, AI solutions (Copilot, OpenAI partnership), Enterprise services |
| Company type: | Product / service / mixed |
| Major technology stack: | C#, .NET, Azure, SQL Server, Power Platform, AI/ML, JavaScript, Python |
| Company culture | Collaborative |
| Other info: | One of the largest tech companies, major influence in enterprise and cloud computing |

#### Position #1 – Software Engineering Intern

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| Position title | Software Engineering Intern |
| URL | https://jobs.careers.microsoft.com/global/en/job/1809922/Software-Engineering-Intern |
| Job responsibilities | * Apply engineering principles to solve complex problems through sound and creative engineering. * Work with appropriate stakeholders to determine user requirements for a feature. * Quickly learn new engineering methods and incorporate them into work processes. * Seek feedback and apply internal or industry best practices to improve technical solutions. * Demonstrate skill in time management and completing software projects in a cooperative team environment. * Review current developments and proactively seek new knowledge that will improve the availability, reliability, efficiency, observability, and performance of products while also driving consistency in monitoring and operations at scale. |
| Job requirements | * Currently pursuing Bachelor’s or Master’s degree in Computer Science, Engineering, or related field * Must have at least 1 semester/term remaining following the completion of the internship * Must be in the penultimate year of study. * Experience in an object-oriented language |
| Technologies (keywords) | OOP |
| Benefits | * Industry leading healthcare * Educational resources * Discounts on products and services * Savings and investments * Maternity and paternity leave * Generous time away * Giving programs * Opportunities to network and connect |

#### Position #2 – Software Engineer - AI/ML

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| Position title | Software Engineer - AI/ML |
| URL | https://jobs.careers.microsoft.com/global/en/job/1798164/Software-Engineer---AI%2FML%2C-Multiple-Locations |
| Job responsibilities | * Learns to review and break down work items into tasks with stakeholder collaboration, provide estimations, and escalate delays, while also supporting feature deployments to customers, considering user and service impacts, and adhering to best deployment practices for safety. * Collaborates with key stakeholders to define feature requirements, integrates feedback to enhance design, and establishes feedback loops for continuous improvement based on customer metrics. * Evaluates AI technologies (such as LLMs, SLMs, embeddings) and architectures (such as orchestration patterns, RAG, etc) when developing solutions. Specifies or implements AI platform improvements like fine-tuning or training custom ML models. * Learns and applies coding standards and best practices through code reviews, developing maintainable and extensible code with guidance. Utilizes debugging tools to proactively and reactively address issues in product features, ensuring code quality and reliability. * Supports the identification of dependencies and design documentation for product features, learns about system interactions and back-end dependencies, and contributes to architectural processes under guidance. Produces code to test hypotheses for technical solutions and assist with technical validation efforts. Collaborates on quality assurance plans, augments test cases, and integrates automation into testing, while understanding the implications of security and compliance in system architecture. * Contributes to data analysis and feedback integration for product engineering decisions, acting as a Designated Responsible Individual (DRI) for monitoring and restoring system functionality within Service Level Agreement (SLA) timeframe. Participates in live service operations, and supports telemetry data integration for system behavior insights, with a focus on performance, reliability, and safety. * Develops and applies best practices for reliable code building, understands global and local regulations, customer scaling requirements, and support communication with key partners across Microsoft for user experience enhancement and partner needs. * Ensures compliance with security, privacy, safety, and accessibility standards, leverages developer tools for code creation and debugging, contributes to automation in production and deployment, and proactively seeks knowledge to improve product availability, reliability, efficiency, and performance at scale. * Understands and applies Microsoft’s responsible AI practices to ensure systems meet our commitments to our customers. |
| Job requirements | * Bachelor's Degree (or currently pursuing a degree) in Computer Science or related technical discipline with proven experience coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python. * OR equivalent experience. * Demonstrated interest in AI/ML technologies. |
| Technologies (keywords) | AI, ML, LLMs, SLMs, orchestration patterns, RAG |
| Benefits | * Industry leading healthcare * Educational resources * Discounts on products and services * Savings and investments * Maternity and paternity leave * Generous time away * Giving programs * Opportunities to network and connect |

### Company #3 – SmartIT

#### Company Info

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| --- | --- |
| Company name: | SmartIT |
| Company structure | Corporation |
| Web site: | https://smartit.bg/ |
| Major products / services: | Development and maintenance of complex software systems, ERP systems, BI solutions, IT consulting, financial and government software solutions |
| Company type: | Mixed |
| Major technology stack: | C#, .NET/Core, ASP.NET/Core MVC, Web API, RabbitMQ, OAuth 2.0, Microservices, Docker, Kubernetes, ELK Stack, Grafana/InfluxDB, Polymer, DevExpress, JavaScript, jQuery, SignalR, Entity Framework, Entity Framework Core, MS SQL, MongoDB |
| Company culture | Collaborative, innovative, and growth-oriented, with a focus on delivering high-quality software solutions |
| Other info: | Acts as the technology division for Management Financial Group (MFG), supporting IT solutions for financial institutions across multiple countries |

#### Position #1 – AI/ML Engineer

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| Position title | AI/ML Engineer |
| URL | https://smartit.bg/working-positions/ai-ml-engineer |
| Job responsibilities | * Conduct in-depth research on AI methodologies, adapting new algorithms and tools to enhance our solutions. * Develop and refine machine learning models, including dataset preparation, training, fine-tuning, and evaluation. * Collaborate with developers and DevOps engineers to integrate AI models into scalable applications. * Write clean, efficient, and optimized Python code for AI-driven functionalities. * Maintain and improve existing AI services, including bug fixes, API enhancements, and model updates. * Contribute to internal AI transformation efforts by developing tools to streamline processes for other teams. |
| Job requirements | * Bachelor’s degree in Computer Science, Artificial Intelligence, or a related field (Master’s preferred). * Experience in AI/ML-related roles, such as Machine Learning Engineer, Data Scientist, or Research Engineer. * Strong proficiency in Python and deep learning frameworks like PyTorch or TensorFlow. * Solid foundation in statistics and familiarity with core machine learning algorithms. * Expertise in neural networks, large language models (LLMs), generative AI, multimodal models, and other advanced AI techniques. * Demonstrated interest in the latest AI advancements, particularly in NLP, generative models, or computer vision. * Ability to work collaboratively in a fast-paced, agile environment. * Strong analytical mindset with a proactive approach to problem-solving. |
| Technologies (keywords) | AI/ML, Python, LLMs, NLP, generative models |
| Benefits | Not mentioned |

#### Position #2 – Android Developer

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| Position title | Android Developer |
| URL | https://smartit.bg/working-positions/mid-android-developer |
| Job responsibilities | * Participate in design, development, and maintenance of our mobile apps * Be part of an agile and cross functional team * Work closely with other teams responsible for other components like UX and APIs * Share their expertise during code review activities and refinement sessions * Design code in a functional and scalable way * Understanding and consideration of mobile security best practices |
| Job requirements | * Excellent overview of the Android ecosystem * Knowledge of the persistent storage options in Android - SQLite (Room), Shared Preferences, etc. * Build modern layouts for both phones and tablets * Write scalable, maintainable and testable code * Experience with integrating RESTful APIs * Experience with writing and maintaining unit and UI tests is an advantage * Experience with CI/CD * Experience with code optimization and performance improvements * Experience in Agile development methodologies * 4+ years of experience in building native Android apps with Java * Experience in development of financial applications would be a great advantage * BS degree in Computer Science or a similar technical field of study * Working proficiency and communication skills in verbal and written English |
| Technologies (keywords) | SQLite, RESTful APIs, CI/CD, Agile development methodologies, Java, CS |
| Benefits | Not mentioned |