

Hamed Ahmed

Software Engineer

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02-784 Warszawa, Dembowskiego 11, Poland

EXPERIENCE

JN Data - Warsaw, Poland

January 2024 - Present

Software Engineer

“JN Data, responsible for the IT infrastructure of the majority of Denmark's financial sector.”

- Developed and optimized **RESTful APIs** for Identity and Access Management (IAM) and Privileged Access Management (PAM) systems, utilizing the **.NET framework** to ensure security, scalability, and reliability across critical banking systems.
- **Resolved 85% of reported system bugs**, significantly increasing system stability and improving overall user experience.
- Enhanced front-end performance and usability using **Angular**, implementing UI improvements that boosted user satisfaction and engagement.
- Collaborated closely with the **Product Owner** to refine and validate user stories, aligning technical deliverables with business goals and ensuring smooth feature rollouts.

BEC Financial Technologies - Warsaw, Poland

December 2022 - December 2023

Software Engineer

“BEC is a fintech company serving 25% of Denmark’s banking customers with secure, compliant, and innovative digital banking solutions”

- Joined BEC’s engineering team responsible for Identity and **Access Management platforms**, where I contributed to the architecture and enhancement of **RESTful APIs using the .NET framework**.
- Participated in a **cross-border agile** team to deliver high-availability IAM/PAM services aligned with regulatory requirements and internal SLAs.
- Collaborated closely with product owners to translate business needs into technical specifications and refined user stories for upcoming sprints.
- Played a key role in supporting the code transition and operational handover to JN Data during the company restructuring initiative.

Talentera / Bayt.com - Remotely, UAE

January 2022 - November 2022

Software Engineer

“**Bayt.com** is the leading job platform in the Middle East, offering AI-powered tools for recruitment, resume search, and career development”

- **Developed and maintained scalable backend modules and REST APIs** for core job and applicant management features, ensuring system robustness and scalability.
- **Optimized CV search performance by 80%** through advanced query tuning with SphinxQL and implemented caching strategies that resulted in a **4x faster application experience**.
- **Modernized legacy systems** by introducing modular, reusable code components and seamlessly integrating backend services with **Vue.js** frontends for real-time functionality.
- **Upheld clean code standards** by leading internal code reviews and version control practices with Git, enhancing team collaboration and codebase maintainability.

Softex Software House - Cairo, Egypt

February 2021 – January 2022

Dot Net Developer

“**Softex** provides ERP solutions tailored to the MENA region, supporting sectors like manufacturing, trading, and travel.”

- Developed **cloud-based ERP web applications** from the ground up, based on detailed system requirements in collaboration with cross-functional teams (5 developers, 1 tester, 1 BA).
- Implemented RESTful services using **C# and ASP.NET MVC**, replacing legacy **SOAP** APIs with more efficient and scalable REST interfaces.
- Participated in the full SDLC—from requirements analysis to deployment—delivering business-critical modules for finance, HR, and inventory management.

EDUCATION

University of Warsaw - Warsaw, PL

October 2022 – July 2024

MA in Data Science and Business Analytics

- **Thesis:** Predictive Power of Sentiment: NLP-Driven Approaches to Forecasting ORLEN's Stocks
- Knowledge of statistical programming languages (R, Python, SQL, etc.)
- Knowledge and skills in statistics and econometrics, as well as machine learning and finance
- Grade: **Very Good**

Suez University - Suez, Egypt

September 2015 – May 2019

BSc in Computer Science

- BSc in Science majoring in Mathematics and Computer Science.
- Knowledge of data structure and algorithms
- Knowledge of programming languages (C#, Java, C++, SQL and Python)
- Grade: **Very Good**

LANGUAGES

- Arabic: Native
- English: Advanced
- Polish: beginner

ADDITIONAL EXPERIENCE AND AWARDS

- **AWS Certified:** I have earned the Cloud Practitioner certification.
- **A scholarship for tuition fee reduction (2023):** I got a 60% discount for the second year in my master at Faculty of economic Sciences, University of Warsaw for being an outstanding student with rank 16th.
- **Participated in WEC (2023) at university of Warsaw:** Warsaw econometric challenge competition.
- **Dot Net Internship (2019):** I got an Internship in Dot Net at the Information Technology Institution (ITI) in Egypt.
- **Cyber Security challenge (2019):** I Participated with a team in Cyber Security challenge held by Cyber Talent at Suez University and Awarded 2^{ed} Place.

Tech Stack and Tooling

- C#, .NET, .NET Core 3, Python, MS SQL Server, MySQL, HTML5, CSS3, BootStrap, JavaScript, Angular, TypeScript, ASP.NET MVC, YII1.1 framework, CQRS, SOAP, REST API, API, Docker, SphinxQL, Git, Github, Gitlab, Redis, OOP, Data Structure, Algorithms, Agile, LINQ, Linux, AWS.
- Microsoft Visual Studio, Microsoft SQL Server, Eclipse, Visual Studio Code, JIRA

Additional Links

- LinkedIn: <https://www.linkedin.com/in/hahmed97/>
- Github: <https://github.com/hamedahmed100/>