

Dmytro Brazhnyk

Software Architect/Principal Software Engineer

amid.ukr@gmail.com

+1 484 995 0689

The Woodlands, TX

<https://www.linkedin.com/in/dmytro-brazhnyk-372a72221/>

- Extra ordinary abilities in Computer Science, Mathematics and Natural Sciences
- 16 years of experience in development of IT technologies
- 14 accomplished releases in leading roles
- Hands-on experience of designing and implementing of solutions in following areas:

Backend, Cloud, Microservices, DevOps, Security Engineering, Reliability Engineering, Data Architecture, High-Loaded Systems, Highly Performant Systems, Cost-Effective, Near Real Time solutions, Quality Architecture, Artificial Intelligence, Machine Learning, Frontend solutions.

- Recent accomplishment: Adopted AI model to predict wellbore equipment malfunctioning.
- Another recent accomplishment: Reduced the cost of CosmosDB usage from \$960 000 a year to \$48000 a year.



Translation

MINISTRY OF EDUCATION AND SCIENCE
OF UKRAINE

AWARDED
3rd PLACE DIPLOMA

BRAZHNYK DMYTRO VOLODYMYROVYCH,
Student of Kharkiv National University of Radio Electronics

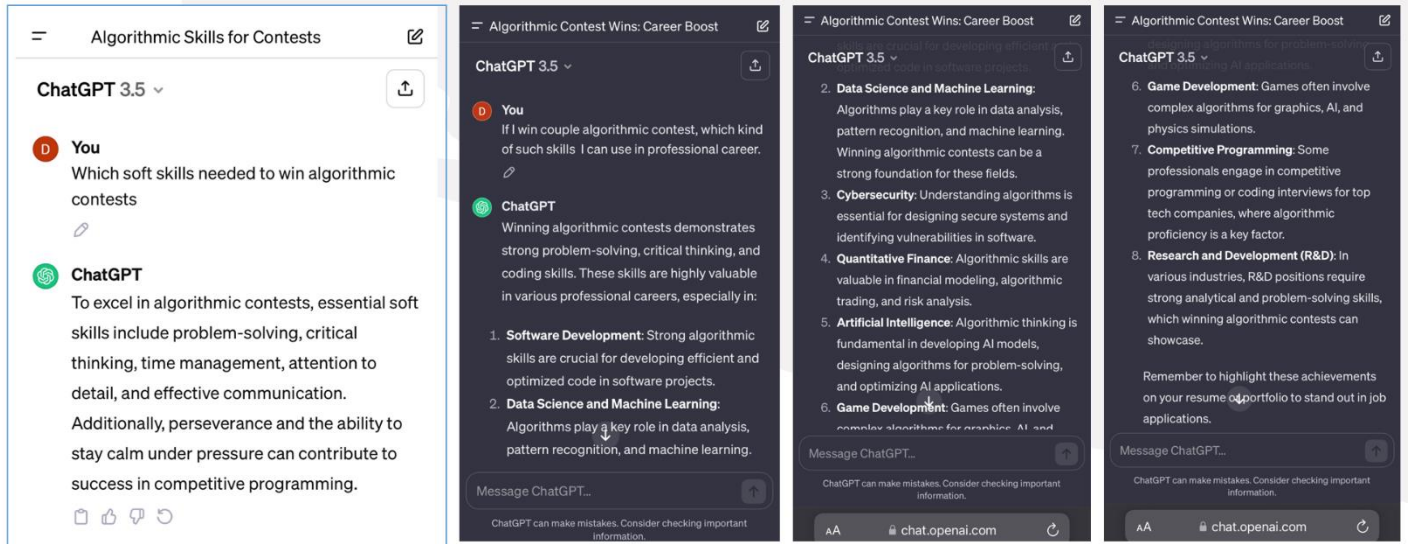
WINNER OF
THE ALL-UKRAINIAN STUDENT
COMPUTER SCIENCE OLYMPIAD

Minister of Science and Education:
S.M. Nikolayenko

Order dated 07.09.2005
No. 518

Leadership Developed in Competition:

- The competitiveness of my soft skills has already been challenged in contest.
- Skillset analysis by ChatGPT AI of award above provided:



In addition to that I can add that I am a supportive person and committed to upholding the highest stand of integrity.

Professional Experience

- Architect/Cloud Developer at Mastech Digital, May 2023 – now
- Cloud Software Architect at Carbo Ceramics, Jan 2023 – May 2023
- Solution Architect at EPAM, Sep 2012 – Jan 2023
- Lead Software Engineer at Astound Commerce, Jan 2012 – Sep 2012
- Lead Software Engineer at TeamDev, Sep 2008 – Jan 2012
- Java Software Engineer at SoftLine, Apr 2007 – Sep 2008

Education Summary

- Master's degree in Artificial Intelligence
Kharkiv National University of Radio Electronics, Ukraine, 2017
- Bachelor's degree in Computer Science
Kharkiv National University of Radio Electronics, Ukraine, 2009

Awards

- 2014 - Hackathon - best computer game award for Quantum game (Led a team to success)
- 2005 – 3rd place(bronze) award in country wide Student Olympiad in the discipline "Informatics" in the category of computer
- 2003 - 1st place award in regional Informatics Olympiad for 11th school grade.
- 2003 - Selected as the top 15 best in Kharkiv Oblast Informatics Olympiad before the All-Ukraine stage.
- 2002 - 1st place award in regional Informatics Olympiad for 10th school grade.
- 2001 - 3rd place award in regional Informatics Olympiad for 9th school grade.

Training & Certifications

- 2019 - CloudFroundry on edX
- 2018 - Certified AWS Solution Architect
- 2018 - AWS Solution Architect Udemy online courses
- 2018 - EPAM Software Architecture School training
- 2011 - Demandware ecomm training

Technical Proficiencies

Languages	Java, Kotlin, Scala, JavaScript, Python, C++ and Rust Lang. Markup languages: JSON, XML, YAML, MD, etc. Basic knowledge: Assembler x86, C#.NET, WSDL, Pascal, VB6.
Data Architecture:	RBDMS DBA, specifically PostgreSQL. Experienced in NoSQL data modeling and optimization (particularly Cosmos DB), Oracle, MySQL, SQL Server, MS SQL, MongoDB, Cassandra, Elastic Search, Redis, Gemfire. Spark, Confluent, Flink, ETL Talend, Azure Data Factory.
Cloud Architecture:	Certified AWS SA Architect. Experience with Azure. Deep knowledge of Kubernetes, etc. Azure Blob, AWS S3, AWS DynamoDB, Azure Databriks, AWS EC2, Azure AKS, AWS SQS. Docker. PaaS, Pivotal Cloud Foudnry, AWS Lambda, Heroku, 12 factor application.
Front-End Architecture:	Swing, HTML, CSS, ReactJS, Angular, TypeScript, WebRTC, WebGL(GLSL) and WebSocket.
Back-end Architecture:	Spring Boot, Struts MVC, Spring MVC, Spring Data, Hibernate, JPA, MyBatis, J2EE, JAX-RS, sl4j, JDBC, REST API, Swagger, GraphQL, ProtoBuf(gRPC), SOAP, Camel ESB, Junit, Mockito, EasyMock,
Microservices	Spring Boot Cloud, Kubernetes, Docker, Linkerd, Istio
CI/CD/IaaC:	Jenkins, Helm, Terraform, SonarQube, Fortify, Git, GitHub, GitLab, BitBucket, SVN, Mercurial
System Monitoring:	ELK(ElasticSearch/Logstash/Kibana), Grafana/Prometheus, Splunk
Cyber Security:	JWT/JWE, SAML, OAUTH, OWASP TOP 10, CVE SCANS, X509, mTLS, Cloud Security, Azure WAF, Azure Defender
AI/ML/Computation	Eigen, numpy, TensorFlow, Jupyter Notebook
Rust stack	serde, serde-json, actix-web, azure_core, azure_data_cosmos, tracing, tracing-actix-web
C++ stack	stl, atl/mfc, zeromq, boost, opencv, ffmpeg, GTest, protobuf, OpenGL(glfw, glew), DirectX, CMake
Methodologies	Agile, Scrum, Kanaban, TOGAF, TDD, XP, CI/CD, UML, C4.