With more than ten years of professional experience, I have specialized in ground segment systems engineering, focusing on management, development and AIV, participating in projects such as EGS-CC from ESA, Amazonas Nexus from Hispasat or SpainSAT-NG from Hisdesat.

My key competencies include software development and validation, on-site equipment integration, coordination of multifunctional teams and project management, always with the objective of maintaining high standards of quality and performance.

I am committed to providing diverse perspectives and experiences that align with the project, contributing to the collective success of the team.

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+34 689452858

28 Jun, 1989

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SKILLS

- Software Development and Testing
- Hardware Development and Testing
- System Integration Testing
- Project Management
- Team Leading

LANGUAGES

- Spanish | Native
- Russian | Native
- English | Advanced
- Catalonian | Advanced
- French | Elementary
- Ukrainian | Elementary

EUROPEAN FORMAT

GROUND SEGMENT SYSTEMS ENGINEER

Karim Kaci Danylchuk

EXPERIENCE

Dec 2019 – Present

GROUND SEGMENT SYSTEMS ENGINEER
GMV Aerospace and Defence S.A.U. Madrid, Spain

- System Technical & AIV Manager for Hisdesat's SpainSAT-NG Ground Facilities Project: Leading the development and integration of ground deployment, coordinating teams and managing project timelines.
- Ground Segment Operations Engineer for Hispasat's Amazonas Nexus Ground Facilities Project: Expertise in ground monitoring and control ensuring the functionality of ground facilities through implementation of operational procedures and problem resolution.
- Software Developer for European Ground Systems Common Core (EGS-CC) initiative: Implementing, testing and maintaining software components to enhance the functionality of ground segment systems.

Dec 2016 – Dec 2019

HEAD OF SOFTWARE AND HARDWARE DEVELOPMENT DEPARTMENT
LPS Ingeniería S.L. Madrid, Spain

- Custom Solutions Development: Leading the design, implementation and maintenance of software and hardware solutions tailored to client needs.
- Consulting Services: Identifying and delivering optimal solutions based on client requirements.
- Deployment and Maintenance: Overseeing the deployment and maintenance of servers and IT equipment.
- Technical Issue Management: Issues resolution ensuring minimal downtime and optimal performance.

Jan 2016 – Dec 2016

HARDWARE DEVELOPER
LPS Ingeniería S.L. Madrid, Spain

Lead the development of telemetry equipment specialized in IoT solutions focusing on monitoring BTS stations.

Feb 2014 – Dec 2016

SOFTWARE DEVELOPER
LPS Ingeniería S.L. Madrid, Spain

Fullstack developer of SaaS web applications using AWS solutions, focusing on delivering seamless user experiences with scalable solutions.

Jan 2014 – Dec 2016

SYSTEM ADMINISTRATOR
LPS Ingeniería S.L. Madrid, Spain

Managing IT infrastructures with a proactive approach to troubleshooting and a commitment to ensuring system reliability and security. Implementation of scalable solutions that enhance operational efficiency.

Nov 2013 – Jan 2014

FIBER OPTIC DEPLOYMENT INTERN
LPS Ingeniería S.L. Madrid, Spain

Telecommunication site survey and layout drafting.

Jun 2013 – Jan 2015

IT TECHNICIAN
Akkord S.L. Castellon, Spain

Managing operating systems, software and network equipment, also providing technical support for hardware and software issues.

EDUCATION

Jan 2017 – May 2024

PHD IN COMPUTER AND TELECOMMUNICATION ENGINEERING
Universidad Autónoma de Madrid. Madrid, Spain

Publications:

- Multiplex Portable Biosensor for Bacteria Detection https://doi.org/10.3390/bios13110958
- Paving the way to PoC devices for SARS-CoV-2 detection https://doi.org/10.1016/j.talanta.2022.123542

Sep 2007 – May 2016

BACHELOR OF TELECOMMUNICATION ENGINEERING
Universidad Autónoma de Madrid. Madrid, Spain

Publications:

- Communication architecture system for fiber positioning of DESI spectrograph https://doi.org/10.1117/12.2232877