CELESTIN DRAGANESCU

Intelligent Transport Systems Expert

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SPECIALTIES

- Intelligent Transport Systems
- System Automation
- Passenger Information Systems
- Automatic Fare Collection
- Project Management

- Fleet Management
- Traffic Optimization
- Context-aware Adaptive Systems
- Public Transport Scheduling
- Negotiation

EMPLOYMENT

2015 – present
OPENDEV LABS
General Manager

Company: **OpenDev Labs** started as a software consultancy business, aimed mostly at server, telecom and backend solutions. It soon grew to focus on web applications, custom hardware, turn key solutions, industrial automation, embedded and security, **aimed exclusively at public transport systems**.

Responsibilities:

- Develop medium and long term growth strategy for the company;
- Expand client network on the domestic market;
- Product development - Expand service and product portfolio;
- Contract negotiation;
- Determine areas of improvement for cost control and process optimization;
- Maintain operational efficiency;
- Staff development – define employee functions and allocate staff accordingly;

Projects:

- Design, develop and implement an **Automated Fare collection system** (AFC), **Passenger Information System** and **Fleet Management System** for Ramnicu Valcea metropolitan area (2016);

- Design, develop and implement a **Fleet Management System** and **Passenger Information System** for the municipality of Sibiu (2012 – present);

- Design, develop and implement a **Fleet Management System** and **Passenger Information System** for the municipality of Buzau (2017 - present);

- Design, develop and implement an **Automated Fare collection system** (AFC), **Passenger Inforation System** and **Fleet Management System** for the municipality of Resita (2017 – present) ;

- Design and implement a **Passenger Information System**, controlled via Bluetooth by Android devices, for public transport vehicles of Zalau municipality (2016);

- Design, develop and implement an **ITS solution** for the **tram services** in Craiova metropolitan area, consisting of **driver management, fleet management, scheduling, passenger information at the tram stops and in the trams** (2015 – present).

- Design, develop and implement an **ITS solution** consisting of **wi-fi for passengers, local and remote video surveillance, electronic ticket validators** for the municipality of Sacele, Brasov County (2017).

- Implementation of stand alone **electronic ticket validators** for the municipality of Galati (2016 – 2017).

2012 – 2015
OPENDEV LABS
Project Manager

Responsibilities:
- Provide project **management, technical direction and design-build** leadership on public transport projects;
- Complete complex projects, from plan development to overview of costs, schedules, team management and contracts.
- Involved in business development;
- Product development;
- Market research;

2007 - 2015
AITT, Targoviste
IT Engineer

Company: AITT is the public transport operator in the Targoviste metropolitan area (Dambovita County);
Responsibilities:
- Develop the public **transport schedule for urban and metropolitan routes, and driver and vehicle management;**
- Develop and implement a **software application** for the management of the public **transport schedule** and for **online / offline (at the bus stops) passenger information**;

EDUCATION

2016 – 2019
POLITECHNICS UNIVERSITY OF BUCHAREST

- **PhD** degree in Intelligent Transport Systems
- Thesis: "Intelligent Transport Systems for Urben Traffic Optimization"
- Currently in progress

2012 – 2014
HYPERION UNIVERSITY BUCHAREST

- **Masters** degree in the Management of Technological Projects
- Thesis: "Technical management Solutions for the Optimization of Public Transport Services"

2012 – 2014
HYPERION UNIVERSITY BUCHAREST

- **School of Electronics, Automation and Applied Computer Science**
- **BSc** degree in Automation Engineering
- Thesis: Information Models for Intelligent Transport Systems

LANGUAGES

English: proficient

French: lower-intermediate

German: beginner

SKILLS & TRAITS

- Pragmatic intellectual background
- Dynamic, **adaptive** person. I integrate in teams and can also work independently;
- Good **communication** skills (improved by extensive client interactions);

INTERESTS

- Travelling, IoT, transport systems, aviation, cooking, sci-fi cinema

REFERENCES

*Available on request