

Josip Marijan

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[Linkedin Profile](#)



About me:

Experienced Embedded Software Engineer and Technical Leader with 10 years of expertise in developing and managing embedded systems in the automotive and telecommunication industry.

Currently leading the HMI and VCU department at Porsche eBike Performance, where I manage a team of 25 engineers.

Professional Experience:

Porsche E-Bike Performance d.o.o. (Greyp Bikes d.o.o), Zagreb, Croatia

2017 - Present

Head of HMI & VCU

12/2022 - Present

- Responsible for development and delivery of all HMI&VCU products within Porsche eBike portfolio
- Managing a department of 25 engineers
- Oversee and coordinate all sub-teams, technologies, and department operations
- Define department budgets, hiring plans, and resource allocation
- Lead performance management and evaluations
- Provide technical guidance to Team Leads
- Approve technical requirements and support project initiation
- Maintain relationships with vendors and tech partners
- Stay current with tech trends and recommend new solutions
- Define department processes, standards, and KPIs
- Monitor projects and escalate critical issues

Keywords: Technical Leadership, Engineering Management, Technical Strategy, Performance Management, Budgeting, Agile & Waterfall Methodologies, Jira, DFM, Zephyr, C++, LVGL.

Project Manager

12/2024 - Present

- Define project goals, priorities, timeline, and deliverables
- Coordinate tasks between mechanical, hardware, software, design, purchasing, and quality teams
- Assign responsibilities and manage team progress
- Communicate with stakeholders and provide regular updates
- Define and track budget and ensure deadlines are met
- Identify and manage risks during development
- Work with suppliers and external partners
- Support handoff to production and post-launch activities

Keywords: Project Planning, Cross-Functional Coordination, Stakeholder Communication, Budget Planning, Timeline Management, Risk Management, Resource Management, Supplier Management, Production Handoff

Head of Embedded Software

02/2022 - 12/2022

- Responsible for Embedded Software development for all Greyp Bikes products
- Leading the department of 13 Embedded Software Engineers
- Creating technical roadmap
- Organize 2-week sprint planning
- Defining way of work for the department
- Develop firmware and embedded software for given projects
- Creating and reviewing product requirements
- Mentor other team members

Keywords: Project Planning, Resource Planning, Team Management C++, Linux, Yocto, ROS, Zephyr, Gtest, QT

Senior Embedded Software Engineer

03/2020 - 03/2022

- Architect and implement embedded software projects on Yocto-based Linux platform
- Develop firmware and embedded software for given projects
- Coordinate technical approach with the cross-discipline team members
- Creating and reviewing product requirements
- Mentor other team members

Keywords: Team Mentoring, C++, Linux, Yocto, ROS, Zephyr, Gtest, QT

Embedded Software Engineer

10/2017 - 03/2020

- Programming in C++
- Unit testing using GTest and GMock
- Develop firmware and embedded software for eBikes
- Documenting the design of system architecture
- Working with the cross-disciplinary team members to integrate various components and enhance system performance

Keywords: C++, Linux, Yocto, ROS, Zephyr, Gtest, QT

Bevi, Boston, MA, USA

11/2020 - 10/2022

External Software Consultant

- Building and customizing Linux Yocto
- Writing drivers for designated hardware
- OTA Linux software update
- Optimizing boot-up sequence
- Integrating peripherals to the main board

Keywords: Linux, Kernel, Yocto, OTA, Hardware Integration

Ericsson Nikola Tesla d.d., Split, Croatia

12/2016 - 10/2017

Software Engineer

- Programming in C and C++
- Unit testing using GMock
- Working on RTOS on Embedded systems on Radio Base Stations

Keywords: C, Radio Base Stations, GTest, GMock

Education:

- **Master's Degree of Computer Science**, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture - <https://www.fesb.unist.hr>, Split (2015 - 2017)
- **Bachelor's Degree of Computer Science**, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture - <https://www.fesb.unist.hr>, Split (2011-2015)
- **High school**, V. Gymnasium Vladimir Nazor, Split (2007-2011)

Skills:

- **Programming languages:** C++, C, Python
- **Communication protocols:** SPI, CAN, USB, I2C, BLE, WiFi, MQTT, Video4Linux, LWM2M
- **Graphic tools:** LVGL, QT
- **Tools and technologies:** Yocto, Linux Kernel, ROS, Zephyr, QT, Bash Shell Scripting, CMake, Jira, Confluence, AWS
- **IDEs:** Cursor, Visual Studio Code, Eclipse
- **Versioning:** Git
- **Soft Skills:** Leadership & people skills, Conflict resolution, Decision-making under pressure, Resource planning and hiring, Organizational skills, Prioritization and time management