Gender: Male

Citizenship: Bulgaria

I live in: Etropole/Bulgaria

I may accept relocation offers for:
Other cities in Bulgaria,
Other countries

Contacts

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📍 Etropole

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ALiucUAVsRhg

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in-pavlov-b877b41a2/

Languages

Native language: Bulgarian

Languages: English (Intermediate),
Czech (Intermediate)

... see more in the Languages section

Skills

Managed people: Yes (40)

Computer Skills: Embedded C
ANSI C
Python
PyQt5
IoT
RTOS
SCCS(Git)
MQTT
Eclipse Mosqutto
PROVEtech
CANOe
Virtualization ...

... see more in the Computer Skills section

Skills: Hardworking
Team Player
Enable team members to develop

Martin Margaritov Pavlov

Work Experience

NOVEMBER 2023 - TILL NOW

Senior Software & Hardware engineer, Visteon

Sofia, Company size: above 300, Salary: 4900 BGN

Design, develop, and maintain software applications for automotive test equipment.
Collaborate with cross-functional teams to understand testing requirements and implement software solutions accordingly.
Develop and optimize code for efficient test automation and data analysis.
Ensure software compliance with industry standards and cybersecurity best practices.
Debug and troubleshoot software issues, providing timely resolutions.
Design and implement hardware solutions for automotive test equipment, including circuit boards, sensors, and interfaces.
Collaborate with hardware engineers to ensure seamless integration between software and hardware components.
Conduct thorough testing and validation of hardware systems to meet performance and reliability standards.
Troubleshoot and resolve hardware-related issues in a timely manner.
Stay updated on industry trends and advancements to incorporate innovative technologies into hardware designs.
Integrate software and hardware components into comprehensive automotive testing systems.
Collaborate with cross-functional teams to ensure seamless communication and compatibility between various system elements.
Conduct system-level testing to validate the overall performance and functionality of the developed test equipment.
Create detailed documentation for software and hardware designs, ensuring clarity and ease of maintenance.
Prepare user manuals and technical documentation for end-users and internal teams.
Maintain version control and document change history for software and hardware components.

FEBRUARY 2022 - NOVEMBER 2023

Embedded Developer and Analyst, R&D Bulgaria Ltd.

Pravets,bulgaria, Business sector: Information technologies, Company size: 10 - 20

Meeting with clients, designers, and engineering teams to define technical requirements.
Designing program architecture based on project requirements and hardware specifications.
RTOS,32-bit Arm Cortex MCUs , ESP32 MCUs,Quectel: IoT Modules, IoT Antennas and IoT Connectivity.
Creating test benches with python touchscreen UI , which test developed hardware.
Writing software code, embedded programs, and system protocols .
Hardware Communication Protocols like
USB,UART,MODBUS,RS485,SPI,SDI12,I2C,ADC etc.
Workin with oscilloscope,joulescope,soldering and etc.
Conducting tests on the embedded software systems to ensure proper integration.
Troubleshooting embedded systems and diagnosing errors, malfunctions, or inefficiencies.
Implementing effective repairs, modifications, and upgrades to the embedded code.
Managing project timelines and reporting any delays or issues to the supervisor.
Generating diagnostic reports, technical manuals, and software development documentation.
Maintaining embedded software systems and performing maintenance as needed.

APRIL 2019 - MARCH 2020

CNC Setup Operator, ETEM Gestamp Bulgaria

Sofia, Bulgaria, Business sector: Manufacturing, Company size: above 300

Programming the milling process on CNC Machine.
Applying ISO, GLR and BMW Group standards of production during the quality control phase.
Writing a custom CAD/CAM program for a limited version of cars.
Train new CNC Machine Operators.

MAY 2011 - SEPTEMBER 2014

Main auto mechanic-Team leader, F.X. Mailler s.r.o.

Slany , Czech Republic, Company size: above 300, Salary: 6000 BGN

Work to ensure people and resources are applied in an efficient and effective manner to meet delivery requirements while achieving quality and safety standards.
Ensure that team members follow defined manufacturing procedures and comply with quality requirements
Ensure full adherence to 5S (Sort, Set In Order, Shine, Standardize, Sustain) practices at all times
Ensure equipment is within calibration date and all systems are functioning correctly
Ensure all records are completed appropriately.
Ensure the team are aware of day to day targets and responsibilities.
Maintain visible lead for adherence to procedures and instructions
Prepare line set-ups for following shifts, including first piece buyoffs
Monitor and maintain all safety equipment and tools
Undertake continuous training and development
Perform root cause analysis and resolve problems
Responsible for training of operators for products and processes within the local team
Responsible for daily management and support for the team to achieve operational success
Monitor time and attendance and ensure compliance with Company procedures
Carry out incident, accident and non-conformity investigations and associated reporting and action closure
Monitor the completion of tasks and ensure good performance.
Consistently promote high standards through personal example and roll out through the team so that each member of the team understands the standards and behaviours expected of them
Provide product expertise within team, and respond to operator queries
Work positively with support functions to fully define the processes/procedures/controls relevant to team activities. Provide support and input to continuous improvement activities within the team.

JANUARY 2009 - NOVEMBER 2010

Transponder Production Line Group Leader , Foxconn Technology

Kutná Hora , Czech Republic, Business sector: Manufacturing

Responsible for smooth operation of their assigned production line.
Ensuring all workers are in position and prepared for duty.
Monitor the individual components used for pack-out and replenish as needed to ensure
steady flow of production.
Verify that proper labels and any requirements for the particular job are being adhered to.
Inspect pack-out to ensure quality standards provided by APPLE.
Complete paperwork/documentation regarding each lot.
Monitor production progress and track it.
Motivate team members to meet production goals.
Train new workers on their station in the assembly line.
Assist workers when necessary.
Ensure all members of the team follow company policies and safety regulations are being
enforced to meet safety compliance.

Ensure all members of the team follow requirements from APPLE.

Job Title

Education

Hardware Mechanic – Computer Systems, "Mihailo Vasilevich Lomonosov"

Gorna Oryahovitsa ,Bulgaria, Level: College

Description/Main Subjects: Hands-on hardware troubleshooting experience. Operate tools, components, and peripheral accessories. Read and understand technical manuals, procedural documentation, and OEM guides. Conduct research into PC issues and products as required. Effective interpersonal skills and relationship-building skills. Strong written and oral communication skills. Present ideas in user-friendly language. Attention to detail. Analytical and Problem-solving methods.

Languages

Native language: Bulgarian

English: Comprehension (Intermediate), Speaking (Intermediate), Writing (Intermediate)

Czech: Comprehension (Intermediate), Speaking (Intermediate), Writing (Intermediate)

Computer Skills

Embedded C
ANSI C
Python
PyQt5
IoT
RTOS
SCCS(Git)
MQTT
Eclipse Mosqutto
PROVEtech
CANOe
Virtualization
Analyzation of hardware issues
SPI
Agile
Scrum
Linux administration (Debian)
Windows System Administration (Fundamentals)
Creation of Technical documentation for client/user
MSSQLS
C#
EF Core
Manual testing
Automation testing
Java
Java Script
HTML
CSS
Docker
Kubernetes
GO-Basics

ABAP-Basics
CAD/CAM development (G-Code ,M-Code)

Skills

Hardworking
Team Player
Enable team members to develop (technical and non-technical)
Motivated
No Hero Culture
Moral, Dedicated, Loyal
Adaptable
Communicative
Decisive
No issues to work under pressure (bug fixing/discussing issues with client/college)
Stress Management
Time Management
Out of the box tinker
Project Management

Courses and Certificates

C# HackerRank
EF core
MS SQL
C# OOP
C# Advanced
Java Fundamentals
C# Fundamentals
Basics with C#
Fill CNC Machine Milling, SINUMERIC ONE Basic
Operations and Programing

Additional Details

I love 3 things! My car, my wife and coding... And I have no wife yet, so I pour my love
into coding!
Helping always with pleasure .
Always honest .