Cankat AYKURT

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WORK EXPERIENCE

ASML 📍 Veldhoven, NL **01.2024 – Present**

Product Owner @ D&E EUV Machine Conditioning 01.2024 - Present
→ Team leader and product owner of Machine Conditioning team in an Agile Release Train which consists of 8 teams, 4 projects and multiple external stakeholders. Responsible for product roadmap and vision for the following 6 quarters, development of team members and high-performing team.
→ Brought economic thinking and business affinity on technical topics. Introduced a part change which concluded with a cost saving of 1.87M EUR in 2 years. Another cost saving of 152k EUR was achieved by reviewing the design and cost saving opportunities and implementing with the supplier.

Nexperia ITEC 📍 Nijmegen, NL **12.2022 – 12.2023**

Project Manager & Interim Department Manager 12.2022 - 12.2023
→ Led multidisciplinary teams and carried the operational responsibility for the effective and efficient execution of the projects.
→ Acted as the department manager, managed resources, kept track of ongoing projects, handled dependencies and risks, facilitated priority assessment sessions with project managers and product groups. Successful implementation of project scheduling and resource allocation way of working in development teams. Migrated teams and projects from local project plan files to cloud based project scheduling and alignment tools.

Key Learnings: Nexperia BCamX WoW, Stakeholders and expectation management.

TMC 📍 Eindhoven, NL **08.2021 – 11.2022**

Scrum Master @ ASML D&E EUV Electronics Development 10.2021 - 11.2022
→ Execution team leader of Electronics Development team in an ART (Agile Release Train) which consists of 10 teams, 6 projects and multiple external stakeholders (Trumpf, Prodrive, SES, Neways).
→ Planned and executed the objectives and ensured timely delivery of the committed work packages. Acted as the escalation level of the team, took actions, handled dependencies and risks, facilitated the collaboration between teams.
→ Provided analysis on the progress of the projects and efficiency of the team, evaluated bottlenecks in advance, drove continuous improvement on an organizational level.

Key Learnings: ASML Development and Engineering WoW, SAFe.

Engineering Project Lead & Employeneur 08.2021 - 11.2022
→ Organized a recruitment event for six days in two cities abroad for TMC Software. Interviewed and assessed 55 candidates.

Key Learnings: Employeneurship, Talent Assessment and Recruitment.

FNSS DEFENSE SYSTEMS 📍 Ankara, TR **12.2013 – 07.2021**

R&D Special Projects Unit Manager 03.2017 - 07.2021
→ Technical project management of the Heavy Class Unmanned Ground Vehicle (Gölge Süvari/Shadow Rider) project of Turkish Land Forces. Initiated and managed the Unmanned Ground Vehicle proof-of-concept R&D project, showcased on an international expo and awarded a contract. (Short video from the field tests: https://youtu.be/SmOM-M41Uq8)

→ Technical project management of the Health and Usage Monitoring System (HUMS) project. Seized the opportunity of testing and introducing the first prototype on an international army demonstration and proved the prototype meets the requirements. While the qualification was still ongoing, the system became a part of two contract capture opportunities, in the Far East and Europe.
→ Managed local and remote mechanical, electronics and software engineering teams to design, integrate and test various systems and subsystems in demanding schedules. Planned and conducted technical reviews with development teams and project status reviews with project stakeholders periodically.
→ Identified and initiated Smart Cost Reduction Value Engineering studies. A 120k USD opportunity was identified and captured for a local contracted project as of 2018. Won a recognition award for the study and the company's golden suggestion award for 2017.
→ Collaborated closely with supply chain, quality assurance and business development to provide input for ongoing and upcoming projects.

Key Learnings: Agile Hybrid Project Management, Managing local and remote teams, New Product Introduction, Technology Roadmapping, Value Engineering.

Design & Verification Leader   03.2015 - 02.2017
→ Planned, instrumented and conducted various NVH (noise, vibration and harshness) and environmental tests according to the MIL-STD-810. Led the User Qualification Tests of 8x8 armoured vehicles in Malaysia. Experienced in requirements, traceability, verification, qualification and standards.
→ Managed teams and subcontractors for organizing and conducting various land and water performance tests of tracked and wheeled amphibious vehicles. Planned and managed safety critical tests including the mortar firing from 8x8 armored vehicles in Slovakia and Malaysia, vehicle mine blast tests according to NATO AEP-55 in Turkey and the self-righting verification test of a 30 tonnes amphibious vehicle in open sea, managed relations with customers..

Key Learnings: Design verification, User Qualification Tests, Safety Critical Tests, MIL-STD-810, Managing local and remote teams, Prototyping.

Electronics Design Engineer   12.2013 - 02.2015
→ Proactively initiated, developed, delivered and granted government incentive for a generic emulator software project for armored land vehicles after successful committee reviews. Published the paper in the National Software Engineering Symposium; patent issued.
→ Developed embedded Electronics Control Unit (ECU) software for various vehicles and emulators, digital dashboards for mission critical systems.

Key Learnings: Electronics architecture and subsystems of land vehicles, Embedded Software Development, Patent applications.

HAVELSAN TR   ⦿ Ankara, TR   **04.2011 – 12.2013**

Senior R&D Engineer   04.2011 - 12.2013
→ Managed a development team of four at the customer, developed and delivered various emulators, simulators and user software.

Key Learnings: Software Project Management, Simulators/Emulators, Requirements Management, Software Testing, Naval, Avionics and Land Systems.

GRI ELEKTRONIK   ⦿ Ankara, TR   **12.2008 – 06.2010**

Start-up R&D Engineer   12.2008 - 06.2010
→ Developed data acquisition software for Yıldırım Elektronik and awarded a government incentive with the project.

Key Learnings: Software Development Life Cycle, Start-Up Culture.

EDUCATION

Holding **2 Master's and 2 Bachelor's Degrees** in Engineering and Management

ENGINEERING	ECONOMICS & MANAGEMENT
M.Sc., Computer Engineering *High Honor Degree,* METU, 2013 - 2015	**M.Sc., Engineering Management** METU, 2009 – 2012
B.Sc., Electrical-Electronics Engineering Başkent University, 2003- 2008	**B.Ec., Economics** Anadolu University, 2011 – 2015

SKILLS & EXPERTISE

Innovative and product-oriented team leader with 15+ years of work experience
Responsible, committed team player with developmental mindset
Proactive and resilient conflict management and coordination
Patient and empathetic leadership with good verbal and written communication
Always open to idea exchange, divergent thinking, questioning and experimenting
Self-motivated, efficient time management, proven learning agility

Languages: English: Fluent, Turkish: Native, Dutch: Beginner

CERTIFICATIONS & EXAMS

Professional Scrum Master (PSM) (see. https://www.scrum.org/user/221144)

PMI Agile Hybrid Project Pro (see. https://www.youracclaim.com/users/cankat-aykurt/)

Other acquired certifications and required exam grades are **available on request**.

Security classification: **NATO Secret** (30.07.2014 - 24.10.2024)

PATENTS & PUBLICATIONS

TR2018-19868: Electronically Controlled and Automatic Balancing Positioner

TR2016-07809: Automated User Interface Generation System

Aykurt, C., "Development of Rapid Software User Interface for Testing on Military Land Vehicles", 11th National Software Engineering Symposium (UYMS), 2017 (In Turkish)

Aykurt, C., "A Software Model for Diagnosis of Data Streams on Communication Networks", METU Computer Engineering M.Sc., 2015

Aykurt, C., Parlatan, F., "Procurement Type Analysis for Tank Fire Control System", METU Industrial Engineering, Engineering Management M.Sc., 2012

WHAT GETS ME GOING

Multi-disciplinary work, sense of responsibility, taking initiative, challenge in reputed environments, thriving for high quality products and results, courtesy and professionalism.

References and letters of recommendation are **available on request**.

- What else?

Literature: *Enthusiastic about both reading and writing. Written short stories and poems are ready to be published. Translating a book about communication and behavioral styles.*

Diving: *Holding open water diver licenses from CMAS and PADI.*