

Mohammad Emad Hammami

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23.07.1991

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Nationality: Norwegian

Key Skills

Management:

- ❖ Engineering Management
- ❖ IT Management
- ❖ Agile Methodologies (Scrum, Kanban, Lean, SAFe)
- ❖ Project Management (Waterfall, Spotify Model)
- ❖ GDPR Compliance
- ❖ Atlassian Jira and Confluence.

Software Development and Analysis:

- ❖ Software Development Life Cycle (SDLC)
- ❖ Consulting
- ❖ Customer Relationship Management (CRM)
- ❖ Microsoft Dynamics 365
- ❖ Business Analysis
- ❖ Troubleshooting and Analytical Skills
- ❖ Microsoft Power BI
- ❖ Partner Relationship Management
- ❖ DevOps
- ❖ Business Development

Security:

- ❖ Information Security
- ❖ Software and Network Security

Data Management and Cloud Computing:

- ❖ Big Data (Esper)
- ❖ Data Science
- ❖ Databases (MySQL, Hadoop, MongoDB)
- ❖ Data Mesh
- ❖ Microsoft Azure
- ❖ Cloud Computing

Certificates

Google:

- Agile Project Management
- Foundations of Project Management
- Project Initiation: Starting a Successful Project
- Applying Project Management in the Real-World
- Project Planning: Putting It All Together

Project Management Institute (PMI) and NASBA:

- Project Management Certificates in Foundations, Ethics, Requirements, Schedules, Budgets, Teams, Communication, and Risk
- Managing Project Stakeholders
- Collaborating with Microsoft 365
- Managing Projects with Microsoft 365
- Optimizing Your Work with Microsoft 365
- Project Management Professional Certificate

People Management:

- Managing and Leading Developers
- Coaching Skills for Leaders and Managers
- Effective Technical Communication
- Building Trust
- The Manager's Guide to Difficult Conversations
- Inclusive Tech: Conducting Humane Code Reviews
- Agile Software Development: Creating an Agile Culture
- Succeeding as a First-Time Tech Manager
- Moving from Developer to Engineering Manager

Work Experience

Software engineer / Scrum master
7.2021-present.

DNB Bank /Oslo

- **Developed test scenarios using Octane** for the integration of Sbanken into DNB, ensuring high-quality outcomes and optimal performance, while coordinating diverse teams for project success.
- **Applied Agile methodologies** to improve team collaboration, backlog management, and sprint planning, enhancing project coherence and strategic alignment.
- **Enhanced IT service delivery** by managing incident resolution and system troubleshooting in ServiceNow, focusing on proactive infrastructure performance and shared storage optimization.
- **Maintained transparent communication** with stakeholders, keeping them informed about project milestones and achievements, fostering strong relationships and alignment with business objectives.

Bachelor project / Scrum master

Telia /Oslo

08.2020-05.2021

- **Facilitated the development team** using Scrum, ensuring project alignment and collaboration.
- **Contributed significantly to development tasks**, utilizing Laravel and Onfido to meet project requirements.

Founder and Director

Femi / Oslo

03.2021-12.2023

- **Initiated and led a remote development team** on a social system project focusing on women's safety and community building.
- **Coordinated cross-functional teams** in collaboration with the Norwegian Directorate for Children, Youth, and Family Affairs.

Education

Master's in Programming and system architecture

Software Engineering (Management) and Machine learning - Artificial intelligent

07.2021-12.2023 | **Grade: A**

University of Oslo

- **Specialization:** Software Engineering and Machine Learning, with a focus on IT team management, strategy development, and architectural analysis.
- **Master Thesis:** "Federated and Tiny Machine Learning for Edge Computing in Industrial IoT".

Bachelor's in computer science

06.2019-05.2022

University of Oslo

- **Specialization:** Programming languages, software engineering, data structures, and AI.

Bachelor's in information of technology

06.2018-05.2021 | **Grade: B**

University of Oslomet

- **Specialization:** Deep learning, web technologies, and system development.

Bachelor's in information technology engineering

06.2010-06.2012

University of Kalamoon

- **Specialization:** Programming, algorithm design, and advanced mathematics.

Languages

English: Fluent

Norwegian: Fluent

Arabic: Fluent

Interests

I have a keen interest in exploring diverse cultures, languages, and customs. Volunteering is a significant part of my free time, reflecting my dedication to community engagement and self-improvement.

References

Supplied on request.

Academic Publications

- **"Adaptive Mean Absolute Deviation (AdMAD) Pruning in Federated Learning A Hybrid Approach for Efficient Data Transmission and Model Performance"**

Published in DUO, University of Oslo, 2023.

(duo.uio.no | [DUO](#))

- **"AMBIT: An Efficient Pruning Technique in Federated Learning for Edge Computing Systems"**

Published in the 8th IEEE International Conference on Fog and Edge Computing (ICFEC), 2024.

([Mohammad Emad Mohammad Hammami](#) ([researchgate.net](#)))

Research Projects

- **DNB's Digital Transformation Journey: Advancing Towards Digital Competitiveness**
University of Oslo, 2023

Conducted in-depth research on DNB's digital transformation strategies, focusing on the implementation of new technologies and organizational restructuring to enhance digital competitiveness.

- **Factors Influencing Digital Strategy at DNB**
University of Oslo, 2023

Co-authored a study analyzing the key factors that influence digital strategy development and implementation at DNB. The research provided insights into strategic planning, change management, and digital innovation within the banking sector.

- **Software Process Improvement (SPI) Plan**
University of Oslo, 2023

Developed a comprehensive SPI plan for DNB, emphasizing Agile methodologies, process optimization, and the integration of modern software development practices to enhance efficiency and product quality.

- **Handbook of Scrum Methodology**
DNB Bank, 2021

Authored a detailed handbook on Scrum methodology, outlining best practices, common challenges, and strategies for effective implementation in software development projects.

Volunteer work

Ambassador

04.2022- 05.2023

Nobel Peace Center / Oslo

Represented the center at the University of Oslo, linking professors and students, showcasing networking and coordination skills.

IT Manager

07.2017- 01.2022

UN-Students / Oslo

Managed the website, member registration, and sponsor interactions, reflecting technical and organizational capabilities.

Social worker/ team leader

11.2013-05.2015

DRC, UN / Lebanon

Worked in protection of women and children, showing leadership in sensitive social initiatives.
