

# Prajwalan Karanjit

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Date of birth: 1983-05-16

Address: Kristoffer Robins vei 34, 0976, Oslo

Marital status: Married



## Summary

I emphasize clean and simple architecture. Very complex systems can also be designed and implemented in simpler ways.

I believe there is always room for improvement. I am proactive in taking the lead, sharing knowledge and improving team. And I am always up for new challenges.

I have knowledge and experience in following areas.

- Technical project management with agile delivery methods (mainly Scrum)
- Data processing architectures, real-time streaming and data modelling
- Application design (APIs, event driven and SOA/microservice architectures)
- Information security
- Data management
- Programming (Java mostly, but some Python also. Long time back I used to write C++ and some C#)

## Experience

### Enterprise Data Architect at Nets Group, Oslo

august 2017 - Present

Summary:

- Establish logical data catalog to provide a single view of corporate data. Help create physical data dictionaries and map to the logical entities. Logical data catalog is largely based on Teradata FSLDM and ISO 20022
- Responsible for data integration reference architecture
- Create roadmaps to align technology strategies with specific developments

Tools used: Collibra, Sharepoint, ServiceNow, Java and Python for prototyping

### Lead Developer/Technical Project Manager at IWMAC AS, Trondheim

august 2014 - july 2017

Summary:

- Project Management/Scrum Master
  - Leading development team, planning, requirements analysis and reporting
  - Communicating with external consultants
- System Architecture and Design
  - Database design and data modelling
  - Design streaming and analytics systems to ingest and analyse data from large set of sensors (IoT)
  - Application and API design (Modular, service oriented and event driven)

Tools used: Java, Storm, Kafka, Cassandra, Esper, Mule ESB, Jira, Confluence, Tomcat, Redis

## Developer/Senior Developer at SAP, Trondheim

september 2010 - july 2014

Summary:

- Develop several parts of SAP Identity Management (IDM) software
- API development and integration with GRC

Tools used: Java, Eclipse, JavaScript, Objective C, MS SQL-Server, Oracle, SAP HANA

## Software Engineer at Crosshairs Embedded AS, Trondheim

june 2009 - august 2010

Summary:

- Development of the non-intrusive monitoring, debugging and control of embedded software for TI's microcontrollers

Tools used: C# (.NET), Axosoft OnTime, Infragistics tools

## Software Engineer at D2Hawkeye Services, Kathmandu

august 2006 - september 2007

Summary:

- Online check payment system and integration with accounting Software

## Lecturer at KEC, Kathmandu

Summary:

june 2005 - august 2006

- Lectures on Theoretical Computer Science and Computer Network

## Education

Norwegian University of Science and Technology (NTNU), Norway

Master of Science (M.S.), Security and Mobile Computing, 2007 - 2009

Aalto University, Finland

Master of Science (M.S.), Security and Mobile Computing, 2008 - 2009

Kantipur Engineering College (KEC), Nepal

Bachelor of Engineering (B.E.), Computer Engineering, 2001 - 2005

## Courses/Certifications

Machine Learning (Stanford University), 2017

Coursera

## Interests

Photography, Travelling

## Languages

Nepali (Native), English (Fluent), Norwegian (Full working proficiency)

## References

Can provide upon request