



# AHMET YÜKSEKTEPE

**Software Architect - Entrepreneur**  
**M.Sc. in Computer Science**

info@ahmet.yt +49 176 9145 2006  
Rheinhauser str. 147 47053 Duisburg Germany

## Executive Summary - Leadership & Vision

---

"Ahmet is holding a M.Sc. in Computer Science with a focus on Business Administration from renowned German universities, Technical University of RWTH Aachen and HHU Düsseldorf. His career spans 13+ years in professional software engineering, enriched by his experience in launching five startups. His successful ventures as an entrepreneurial dynamo include the Eksi Consulting Group, which provides HR and Software related services to high-profile clients in Türkiye (primarily companies with over 1000 employees), as well as Millimetric.ai, a UK-based Big Data / AI startup that has attracted more than \$3M in funding from Global Founders Capital in 2017 and works with 3000+ B2B customers, including notable brands like Samsung, Toyota, and Estée Lauder. As the CTO at Millimetric, Ahmet established and led an experienced team of software engineers while also designing a unique machine learning algorithm and the core software architecture that handles billions of data points daily. Additionally, he founded Coindecide, a research platform specializing in blockchain analysis and fundamental research of cryptocurrencies.

Prior to his entrepreneurial endeavors Ahmet has worked with prestigious companies like HKM (Thyssenkrupp, Mannesmann) and tech giants like Paragon Group and Siemens AG where he contributed to the development of COMOS, a critical plant engineering software used in infrastructures such as nuclear power plants, chemical laboratories, and pharmaceutical manufacturing facilities. He also developed a variety of personal and open source software projects demonstrating a breadth of technical expertise, and has been an active cryptocurrency ecosystem investor since 2011.

Ahmet is a multifaceted leader with a broad skillset. His past executive roles have developed his strategic thinking, problem-solving abilities, financial acumen, and people management expertise. Excelling in large-scale software project conception, development, and management, Ahmet also demonstrates excellent communication skills, as he knows four languages and can translate between most of them in real time. Ahmet's effectiveness can be attributed to several key qualities. These include his ability to quickly grasp new concepts, his analytical thinking skills, his collaborative approach as an energetic team player and motivator, and perhaps most importantly, his strong sense of determination. Moreover, his in-depth understanding of software systems at all levels enables him to navigate complex challenges effectively, integrate innovative solutions, and drive efficiency in any environment and contextual framework.

Beyond the extensive achievements and accomplishments throughout his career, what truly sets Ahmet apart is his innate visionary instinct. It's one thing to simply follow trends, but Ahmet has consistently proven his ability to forecast technological and market shifts well before they enter the mainstream. He doesn't just see where the ball is; he sees where it's going, positioning his ventures and investments strategically for future success. He has the unique ability to identify opportunities and innovatively address market needs before they become apparent.

Ahmet's visionary approach is not just limited to business trends; it extends to his leadership style as well. Ahmet has successfully built several effective and autonomously working teams, overseeing the entire cycle of hiring, training, and developing talent. He empowers his teams, encouraging them to think outside the box and envision the bigger picture. By building motivated and cooperative teams, he strengthens collaboration and drives collective success. These perspectives, combined with his drive and knowledge, foster an environment of innovation and continuous growth."

# Professional Experience

---

**2021 - now**

**Managing Partner - Former CTO @ Eksi Consulting Group (ECG Danismanlik), Istanbul/Türkiye**

Consulting & Software Team Management

- Consulting in Human Resources Management, Software Infrastructure, Software Security, High-Stake Deals, M&A, Cryptocurrency Investments - 300+ regular customers (high-profile companies, most 1000+ employees)
- Custom in-house software solutions designed for interfacing with insurance and government APIs for large enterprises
- AI Transformation Consulting – helping enterprises adopt AI-driven workflows, strategy, and governance for efficiency and competitiveness.
- Intranet AI Development & Integration – implementation of AI copilots and internal knowledge assistants - LLMs, OpenAI GPT, Claude, Gemma, Ollama, RAG pipelines, MCP
- AI Strategy & Advisory – guiding C-level executives on enterprise AI adoption, security, compliance, and scaling across departments.

**2017 - 2021**

**CTO & Co-Founder @ Millimetric.ai (Millimetric Analytics And Machine Learning LTD), London/United Kingdom**

**(\$3M+ Funding from Global Founders Capital (GFC) @\$30M Valuation)  
(Successful exit upon after achieving sustainable profitability)**

Project Management

- SaaS product built on custom AI algorithms, addressing complex industry challenges, establishing strong competitive position due to high entry barriers
- Team management - Hiring & Training - Coordinating
- Conceptuation, planning, initial implementation and maintenance of the core software architecture behind www.millimetric.ai as the Founding Engineer -, Software development: Jira, JavaEE, Spring, Cassandra, Amazon AWS, Figma
- Software ecosystem - Toolchains, Cloud Architectures (Amazon AWS + Google Cloud), CI/CD; Security; Testing, Performance control and improvements
- Integration of various API's and importing of, hundreds of metrics and dimensions - billions of data points every day for thousands of B2B customers (Marketing & E-Commerce Data): Google Analytics, BigQuery, Facebook Analytics, Shopify, Criteo API's
- Data Mining, Enriching data with Artificial Intelligence (AI), Analyzing data with Data Scientist AI Agents for Anomalies, reporting Insights
- Exploring / extending business ideas and technologies, R&D (Unique AI Anomaly Detection Algorithm in Time-Series Data - Winning innovation grants from UK - Used in Brain Surgeries in German Hospital)

**2016 - 2018**

**Senior Java Developer @ Paragon Customer Communications(docsellent GmbH), Korschbroich/Germany**

IT - Product Development

- Consulting Product Owners, Conceptuation and development of software for highly secure exchange and maintenance of electronic documents: JavaEE, Spring, Wildfly, REST, Maven, HTML,CSS,JS, PHP, CoffeeScript, Stylus, MySql

**2013 - 2016**

**Software Developer - Working Student @ Siemens AG, Bonn/Germany**

Industry – Automation – Research and Development – COMOS Software (critical plant engineering software used in infrastructures such as nuclear power plants)

- Part time software development in SCRUM Team - New Features, Refactoring, Bug fixing
- Redevelopment of VB6 COM-Components (around 10k lines of code) in .Net: Code analysis, performance optimization, refactoring: VB6, VBS, COM, C#.Net
- Further development of COMOS Operations (New UI's, Document Management System, Process management): C# .Net, Diagrams, WPF
- Converting Java Components to .Net: OpenJDK, IKVM, Java, C# .Net

- 2012 - 2013**      **Educational Speaker @ Networx Academy Consulting & Education UG**  
 „Leonardo da Vinci Project: EU - Educational Training - Lifelong Learning Program“
- Course teacher responsible for the following topics:
  - Beginner-Topics: Internet, Web-Design, HTTP, HTML, CSS, JS, JQuery, Databases, SQL
  - Advanced-Topics: Java, Java-EE, JSF, Web-Development, Project management, Scalability, Google-Adwords and Analytics, Database Migration
- 2010 - 2012**      **Working Student - Software Dev. @ HKM (Hüttenwerke Krupp Mannesmann GmbH)**  
 Controlling – Application Development
- Design and development of Extensions for Project IMIS – Data modeling, Service development: Struts, Java, JSP, Hibernate
  - Web-UI Improvement for IMIS – complex cross-browser compatibility issues, new Menus, Style Changes - Tests and maintenance for IMIS: HTML, CSS, JS, JUnit, CodeCover
  - Development of a web application for managing hazardous material – Handling of Legacy Systems, Data Migration: Java, Struts, SQL, Hibernate, PHP, Informix
  - Design and Development of a web application for regulations with CSV-interface for data import Requirement analysis with client contact: Java, Servlets, JSP
- 2010 - 2010**      **Internship - Software Dev. @ HKM (Hüttenwerke Krupp Mannesmann GmbH)**  
 Controlling – Application Development
- Development of a web interface for collecting probe-data: Java, JSP, Servlets
  - Working with Databases: Informix, SQL, JDBC, JPA, Hibernate, Migration of old Databases
  - Development of Java-Batch-Programs, System Tests for Project IMIS

## Education

---

- 2014 - 2016**      **Master of Science in Informatics (Computer Science) @ HHU**  
 „University of Düsseldorf“ (Heinrich-Heine-Universität Düsseldorf) in Düsseldorf/Germany
- Applied course: Computer networks and Mobile communications
  - Master Thesis: „Performant and Secure Distributed Data Structures in DHT's“
  - Graduation with Honors (Excellent) - („mit Auszeichnung: Excellent“)
- 2010 - 2013**      **Bachelor of Science in Informatics (Software Engineering) @ RWTH**  
 „RWTH Aachen University (Rheinisch-Westfälische Technische Hochschule)“ in Aachen/Germany
- Applied course: Business Economics
  - Bachelor Thesis: „Development of a Service-Monitoring-Infrastructure for the EMI“
- 2009 - 2010**      **Pupil Study Program @ Uni DuE (early program for top-performing high school students)**  
 „University of Duisburg-Essen“ in Duisburg/Germany
- Courses: „Computer Networks and Communication Systems“ , „Programming in Java“
- 2002 - 2010**      **Middle school and Gymnasium**  
 „Mercator-Gymnasium“ in Duisburg/Germany
- Abitur (1,6)
- 1996 - 2001**      **Primary school**  
 „Özel İlkbahar İlköğretim Okulu“ in Bursa/Turkey

## Skills (lost track as of 2018.. to be updated..)

### Engineering

Project-Management, Framework-Design, Coding, Scrum, Req. Analysis, Modelling, Prototyping, Microservices, Web-Development, MVC, SaaS, CloudServices, Monitoring, Machine Learning / AI, Big Data, Anomaly Detection, NoSql, Legacysystems, Data-Migration, P2P, Administration, Scalability, Virtualization, SEO, Google Analytics, Amazon-EC2, Blockchain / Web3 Wireless-Networks, 3G, LTE, Data-Mining, IR, Rich-Client- Applications, Security, Exploits, Anti-Viruses, Network programming (binary-protocols), Linux, Bash, Concurrency, SSH, Microcontrollers, Drivers, TDD, IoC, UML, ERD

### Software Management

SVN, Git, TFS, Redmine, JIRA, TRAC

### Others

MS Office Suite, Pencil, Peerfactsim.KOM, Qt, Google Spreadsheets(API), PayPal-Api, Stripe-API, Iyzico-API, Chrome-Plugin-API, HeidiSQL, Squirrel, DBeaver, PHPMyAdmin

### Java

JavaEE, EJB, JSP, JSF, Struts, JDBC, RMI, JPA, Hibernate, Junit, JMS, JMX, JNDI, IKVM, JGit, JBoss,(Wildfly), Tomcat, PrimeFaces, OmniFaces, IceFaces PrettyFaces,, Ant, Maven, Gradle, Eclipse, IntelliJ, Android

### Web Technology

TCP/IP, HTTP, HTML5, JavaScript, CSS3, PHP, REST, SOAP, AJAX, XML, JSON, Templating, JQuery,Jquery Plugins, D3.js, Node.js, Angular.js, Bootstrap, Bower, Moment.js, CoffeeScript, Stylus, Require.js, Zend 2, Doctrine, PhpStorm, Cross-Browser-Compatibility(IE8..), CMS, Wordpress, Apache HTTP Server, NODEJS, Responsive-Design

### Databases

MySQL (HA), Cassandra, Informix, Oracle, PostgreSQL, MS Access, WebSQL, SQLite, Stored-Procedures

### Microsoft

Windows-NT, C#.NET, Linq, EF, Unity, COM,VB6,ActiveX, WPF, Sockets, Win32-API, Services, Delphi, MS-Visual-Studio 2008-2015

### Languages

(~total active usage)

Java:	14 years
C#:	10 years
JavaScript:	7 years
HTML/CSS:	7 years
SQL:	6 years
Pascal:	3 years
VB6:	3 years
C(99):	2 years
ASM-x86	2 years
C++	1 years
English	fluent
German	native
Turkish	native
French	basic

## References

### Millimetric.ai - London/UK

Nick Russler - Lead Software Engineer

nick.russler@gmail.com

+49 (176) 248 88046

### Paragon Customer Communications (docsellent GmbH) - Korschenbroich/Germany

Harald Noll - Project Manager

harald.noll@docsellent.com

+49 (2161) 6867 173

### Siemens AG - Bonn/Germany

Martin Butowski - Software Developer

martin.butowski@siemens.com

+49 (228) 64805 360

Thomas Krümmel - SP. Manager/ScrumMaster

thomas.kruemmel@siemens.com

+49 (228) 64805 220

### HKM (Hüttenwerke Krupp Mannesmann) - Duisburg/Germany

Jürgen Heimbach - IT-Projectmanager

juergen.heimbach@hkm.de

+49 (203) 999 2764