

Summary

As a software developer expert and software team lead with strong skills in Java, JS and SQL/NOSQL, Microservices and Generative-AI. I have 15+ years of experience in Software R&D, development, innovation and maintenance.

Accomplishments

- Led and developed successful projects involving AI, Palantir, microservices, multi-tiered and distributed system architectures in enterprise applications.
- Implemented 4 major enterprise projects from scratch to maintenance phase. Participated all aspects of development lifecycle in Enterprise companies and used **Jenkins** to be an automated part of the **SDLC**. Have experience over 8 years mastering and managing **Agile** Methodology. Passionate producing scalable, clean and **SOLID** code. Proficiency in middleware layer, server-side development and web application development using **Palantir, Agentic-AI(AIP), JAVA, ReactJS, Spring MVC, Spring Boot, JavaScript, JSP and Html**.
- Delivered scalable, high-performance platforms in the telecommunication sector, including secure, cloud-native SaaS solutions for global operators like Vodafone, acting as **technical lead, solutions architect, and hands-on developer** throughout the project lifecycle.
- Led the design and development of **Java-based microservices** architectures, utilizing **Spring Boot, Kafka, Camunda, Cadence, Temporal-IO** for orchestration in distributed environments-fulfilling responsibilities as both architect and developer.
- Developed an end-to-end **encrypted** file sharing and collaboration system architected for enterprise **telco** clients, enabling multi-user real-time editing while keeping sensitive data on-prem.
- Built and maintained mission-critical systems handling high-volume real-time data streams, implementing **event-driven** and **SAGA**-based patterns to ensure consistency and fault tolerance.
- Consistently delivered clean, maintainable, and scalable backend code using **SOLID** principles, **TDD**, and **advanced Java** features, with a strong focus on system observability and performance optimization.
- Collaborated closely with cross-functional teams and client stakeholders, translating business requirements into robust, production-ready software solutions.

Skills

- **Palantir-AI (AIP), Palantir Foundry and Ontology**
- **JAVA*, ReactJS, TypeScript, Python.** (OOP, Spring Boot/MVC, Maven)
- **REST Api** (OpenApi standards, **Swagger**), **OAuth2**
- **Microservices Architecture** (Camunda, Cadence, SAGA pattern), Event Driven Development (**Kafka**),
- **Test Driven Development (JUnit, Test Containers, TestNG, Mockito, Container Mocking etc)**
- **Database (SQL, MongoDB, PostgreSQL, MySQL etc.)**
- **Docker, Kubernetes, CI/CD (Jenkins, OpenShift)**
- **AWS (S3, EC2, Route53, MinIO, Greengrass, Lambda)**
- **Logging (log4j, slf4j, Jaeger, Open Telemetry, New Relic)**
- **Agile Scrum** (PSM certified), Leadership, Problem-solving
- Communication (English, Turkish, Arabic)

Experience

AIG (American International Group), Atlanta, GA

September 2025 to Cont.

Software Consultant

- As a Senior Software Developer and Tech Team Lead for AI driven risk assessment platform supporting AIG Property underwriting workflows, build scalable systems that analyze multi-dimensional risk factors and support premium determination.
- Developing and Architecting AI-driven, cloud-native solutions leveraging **Palantir Foundry** to process large scale property risk data and generate predictive insights for premium calculation.
- Developing AI-driven loyalty, personalized recommendations, and targeted marketing campaigns using **Palantir-AI (AIP), Palantir Foundry and Ontology, ReactJS and TypeScript, JAVA, S3, Document DB, Mongo Atlas and Axis Framework**.

Vezzo, Seattle, WA

March 2024 to July 2025

Software Consultant

- Developed and designed **Java - REST microservice** that connected Shopify and Square webhooks to a campaign system, using **Temporal.io** to run scheduled and recurring workflows.
- Developed **PYTHON** project that transforms AI-generated md and json files to professional pptx presentations including graphs, tables, layouts and texts.
- Developing AI-driven loyalty, personalized recommendations, and targeted marketing campaigns using **PYTHON, TypeScript, AWS Lambda, AWS EventBridge, AWS EC2, S3, Route53, AWS SQS, Mongo Atlas and Temporal-io**.

Coca-Cola Icecek Inc.

November 2022 to September 2023

Software Developer / Solution Architect

- Technologies: **Lambda, Java, Python, MongoDB, InfluxDB, PostgreSQL, AWS EC2, S3, Route53, GreenGrass, Sitewise, MQTT Broker**
- Designed and implemented Edge to Cloud Energy Monitoring and Alarm **IoT system** (from scratch) for international Coca-cola factories that aims to reduce energy consumption by %20 and prevents production loss by %45.
- Implemented Edge Platform functions that creates instant alarms for both **edge** (if internet access unavailable) and **cloud** (if internet access available) in case of anomalies. Alarms warn the factory and prevent the production loss by 25%.
- Developed **AWS Cloud APIs** to serve enriched data to the data ingestion and data analysis components of the platform through **AWS sitewise**.

PIA-Group

January 2019 to September 2022

Technical Lead / Software Developer

- Technologies: **Java** and **Spring Boot, Angular6, REST, Kafka, Cadence** and **Camunda** used for process orchestration, test-automation made by **Robot Framework, TestNG** and **Test Containers** for testing, **SonraQube** for quality, **Jenkins** for CI/CD, **MongoDB, PostgreSQL, MinIO** and **S3** for data storage.
- **Led** a team of 8 engineers to define technical needs and divide needs into small technical tasks then define activities to complete the project by applying **Agile Scrum** methodology.
- Designed Cloud centered Secure, Scalable and High-Performance SaaS software services for **Telecommunication** operators like **Vodafone**. Designed Orchestration based **SAGA Microservices Pattern** by utilizing **Cadence** and **Camunda**.
- Led and developed **end-to-end encrypted** fully secure communication and file sharing platform for companies that works on cloud but keeps secure data on locals. **Established** a brand-new secure file sharing and simultaneous editing algorithm so that first time in all over the world, an end to end encrypted and shared file btw more than 3 parties become editable.

BNP Paribas Turkish Economic Bank

June 2015 to September 2018

Software Development Project Supervisor

- Technologies: **Java, Spring Boot, JSF, JSP, Oracle DB, Docker, Jira, TestNG, Elastic Search, Hadoop, Apache Spark**
- Worked as full stack senior software developer CRM and Digital Payment Systems. Developed Second Factor Authentication for card payment system on a transaction via text message so that one time security key (OTP) got into action as a one more security step.
- Was the first R&D engineer in the company who generated enriched data and process data from huge data sets by merging the big data to Hadoop system and serve it through Apache Spark Streaming, finally make it use on Elastic Search for Data Analysis.

Sahibinden Information Tech.

July 2014 to January 2015

Senior Software Engineer

- Technologies: **Java, Spring MVC, JSP, JavaScript, Python, Angular, MySQL, Jira, TestNG, Elastic Search, Swagger**
- Developed a part of payment and campaign with Java and PHP which offers suitable promotions to e-commerce user during checkout. Improved search engine accuracy by correlating product tree primary elements to secondary elements as a result customer satisfaction increased by 80% as customer faces hundreds of results instead of thousands.

HALKBANK

July 2013 to July 2014

Senior Software Engineer

- Technologies: **Java, JavaScript, IBM Portlet and WebSphere, Oracle DB, DB2, Ajax**
- Developed a Calendar application on IBM Portlet with Java and JavaScript. The calendar project used internally which enables bank employee to track his daily, monthly and yearly work with VIP customers.

Siemens EC

March 2010 to July 2013

Software Engineer

- **Java, Seem Framework (MVC), JSF, JavaScript, JBOSS, Jira**
- Developed Web Based enterprise telephony application that contains peer to peer and teleconference features. Implement some part of video conference enhancement of VOIP Siemens telephones. Analyzed enterprise user requirements to develop software solutions and created technical specifications. Developed, tested, debugged and documented software programs.

Education and Training

Master of Science, Electrical and Electronics Engineering / Fiber Optics and Photonics

July 2012

TOBB University, Ankara

Bachelor of Science: Electrical and Electronics Engineering

May 2008

Bilkent University, Ankara