SAAM DIGITAL

A Leader in Advanced Technologies

OVERVIEW

Saam Digital is a powerhouse IT company that stands out for its exceptional expertise in AI, software development, data science, and big data analytics. Their team of experienced developers delivers customized solutions that are specifically tailored to their clients' unique needs. They also offer developer outsourcing services, helping businesses build effective, efficient teams with top talent. Saam Digital is renowned for its unwavering commitment to providing top-notch services that enable businesses to thrive in today's competitive landscape. With their innovative solutions and dedicated team of experts, they're the go-to choice for companies seeking to stay ahead in the ever-evolving technological world.

SERVICES

SaamDigital offers a range of cutting-edge services to help businesses succeed in the digital age.

- IOT
    - Netty.io
    - Apache Kafka
    - AWS IoT Core

- App development
  - iOS: Swift, Objective-C, Flutter
  - Android: Java, Kotlin, React Native
  - Web: React, Angular, Vue, HTML/CSS/JS
  - Desktop: WPF

- Backend Development
  - Python: Django, Flask, FastAPI, RestAPI
  - Java: Spring Boot, Hibernate, JPA, Struts

- Big Data
  - Kafka: Apache Kafka, Kafka Streams, KSQL, Confluent Platform
  - Couchbase: Couchbase Server, Couchbase Lite, Sync Gateway
  - MongoDB: MongoDB Atlas, MongoDB Compass, MongoDB Stitch

- Artificial Intelligence
  - NLP: NLTK, Spacy, Stanford NLP, BERT
  - Image Processing: OpenCV, Keras, PyTorch
  - Sound Processing: LibROSA, TensorFlow Audio, PyDub, Praat

- Cloud computing
  - AWS: S3, Lambda, EC2, RDS, DynamoDB, Elastic Beanstalk
  - Google Cloud: Compute Engine, App Engine, Kubernetes Engine, Cloud Storage, BigQuery
  - Azure: Virtual Machines, Functions, App Service, Cosmos DB, Blob Storage

- Data analytics
  - Data Analytics: Python Pandas, NumPy, Scikit-learn, PySpark

- Consulting and strategy services
  - Business Analysis, Requirements Gathering, Project Management, IT Strategy Planning, Technology Implementation Planning.

TEAM

SaamDigital is a team of highly educated and experienced developers, including PhD and MS holders, who are specialized in the fields of AI and software engineering, allowing us to deliver cutting-edge solutions to our clients. Our talented developers deliver high-quality projects that exceed client expectations, and we prioritize ongoing learning to stay at the forefront of emerging technologies. We foster a culture of collaboration, creativity, and innovation to help our team members thrive and grow.

PROJECTS

At our company, we are proud to have worked on several high-impact projects.

NARMONI APP
- Owner: narmoni
- Agent: narmoni
- Panel@narmoni.com.tr

We develop IOS/Android app to easily manage expenses and enjoy smart shopping! No need to follow deals and campaigns! Narmoni follows all prices for you in the most up-to-date form and finds the most suitable one for you.

Technologies: React Native

NARMONI PANEL
- Owner: hepsiburada.com
- Agent: narmoni
- Panel@narmoni.com.tr

we developed Narmoni Panel for ***Hepsiburada[1]*** in Turkey. This panel is a comprehensive solution that provides users with an easy-to-use interface which developer by react to access data about rival markets' products. Our team of experts developed a robust software architecture to enable the panel's functionalities. We used AWS gateway, Lambda Functions and Celery to gather products from rival markets, which we stored in Postgresql and Couchbase databases.

- Developed a user-friendly interface for accessing data about rival markets' products.

---

[1] Hepsiburada.com is a Turkish e-commerce company that has been serving since 1998. The company was selected as Turkey's most popular brand in 2011, 2012 and 2013, and E-commerce Site of the Year in 2013. By the first quarter of 2022, it had over 12 millon users.

- Employed AWS gateway and Celery to crawl and gather products and stored them in Postgresql and Couchbase databases.
- more than 100M document
- manage >1.5k server together
- daily increase in historic data volume (>10GB)
- more than 20k op/sec

Technologies: AWS EC2, Mongodb, Couchbase, PostgreSQL, Apache Kafka, Celery, API Gateway, Lambda Function, Python, Flask, Docker, Kubernates, React, Elastic Search

PRODUCT MATCHING
- Owner: hepsiburada.com
- Agent: narmoni
- Panel@narmoni.com.tr

we employed statistical and NLP-based matching algorithms to match products.

- Developed combination of statistical and NLP-based matching algorithms using Transformers and LSTM to match products.
- Enabled clients to identify similar products across multiple marketplaces.

Technologies: PostgreSQL, SQL, BERT, Ditto, Nltk, Spacy, Turkish BERT, LSTM, Siamese Networks

DYNAMIC PRICE
- Owner: hepsiburada.com
- Agent: narmoni
- Panel@narmoni.com.tr

Another project we undertook with Hepsiburada was the dynamic price project. Our team worked closely with Hepsiburada to enable them to control pricing changes for trending products and recommend prices based on market trends. Our solution has helped Hepsiburada stay competitive and increase revenue.

- Collaborated with Hepsiburada to develop a solution for controlling pricing changes for trending products.
- Recommended prices based on market trends to help Hepsiburada stay competitive.

Technologies: AWS EC2, PostgreSQL, Apache Kafka, Celery, API Gateway, Lambda Function, Python, Flask, Docker

MERCHANT MATCHING
- Owner: hepsiburada.com
- Agent: narmoni
- Panel@narmoni.com.tr

we identified all merchants in Hepsiburada and other markets, extracted their contact information using Selenium, and matched them across ten different marketplaces. This project has enabled Hepsiburada to expand its merchant network and establish new business relationships.

- Identified all merchants in Hepsiburada and other markets.
- Extracted their contact information using Selenium.
- Matched them across ten different marketplaces to help Hepsiburada expand its merchant network.

Technologies: SQL, PostgreSQL, Selenium

PANDME
- Owner: andMe Yazılım San. ve Tic
- Agent: pandme
- help@andmeapp.com

Pandme[2] is a personal shopping assistant that we developed with **andME**. It finds the right products or gifts in seconds with AI and rewards users with Card-linked offers.

- Utilized Flutter and Java to create efficient and user-friendly interfaces, allowing for seamless interaction with the app's features.
- Used Python to Create crawlers and gather data from various markets, helping to improve the app's product recommendation algorithms.
- Collaborated with the team to implement Card-linked offers, providing users with valuable rewards for using the app.
- Ensured code quality and performance through testing, debugging, and optimization.

Technologies: Couchbase, Apache Kafka, Python, Flask, Docker, Node.js, Java, Flutter

NIFSY
- Owner: Nifsy
- Agent: Ronwell Digital
- info@ronwelldigital.com

Nifsy is an innovative e-commerce platform that we worked with **Ronwell[3]**. It brings all your fashion needs to one place. The backend is powered by Python, while the

---

[2] PandMe is one of the ten startups that is accepted to Techstars London Accelerator.
[3] Ronwell Digital is a specialized management consulting firm that combines traditional management consulting with superb technological expertise and have projects in Germany, Turkey and UAE.

front-end is developed using React. To ensure seamless integration and exceptional performance, we use Lambda functions and API Gateway in the backend. Databases are powered by RDS and DynamoDB, providing robust and scalable support for our e-commerce operations. At Nifsy, we're dedicated to delivering a user-friendly and rewarding shopping experience that meets all your fashion needs.

Technologies: Python, React, Flask, Docker, RDS, DynamoDB, API Gateway, Lambda Function

DEVELOPER OUTSOURCING
– Agent: Omid Kazemi (Personal Company)
– omidk14@gmail.com

SaamDigital's developer outsourcing service provides businesses with access to highly skilled developers who can augment their teams and help them achieve their goals.

– deep expertise in a range of technologies and programming languages
– in various industries and locations, including Germany, Turkey, Virginia, and beyond.
– single developer or a full team

In the last year, we have provided a total of 3 MLOps developers, 11 backend developers, 2 fullstack and 2 frontend developers for 5 different projects. Each project required a unique combination of skills, and we were able to provide the right team of developers to meet their specific needs.

TECHNOLOGIES

Backend
- Python (Flask, Django)
- Node.js (Express)

Frontend
- React
- Flutter
- Swift

Full Stack
- Couchbase, Java, Flutter, Node.js
- MongoDB, Python, Flask, React

AI Projects
- Python (TensorFlow, Keras, PyTorch)

Cloud Services
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Microsoft Azure

Database
- MySQL
- PostgreSQL
- MongoDB
- CouchBase

DevOps
- Git
- Docker
- Kubernetes

These are just some examples of the technologies that SaamDigital uses, and there may be others depending on the specific project and client needs.

CONTACT

www.saamdigital.com   www.linkedin.com/company/saamdigital/

info@saamdigital.com   saamdigital_com

no 121, Creative & innovative house of Iran, 7 tir Boluvar, Tabriz, Iran

Fatih St, 45/2 07040, Muratpaşa, Antalya, Turkey