Dmytro Ostapenko

Kosice, Slovakia | dostapenko82@gmail.com | 🔗 andraxdev | ⌂ AndraxDev | https://andrax.dev/

PROFESSIONAL SUMMARY

Software engineer with over 4 years of experience in Java/Kotlin, JavaScript, and Python. Proficient in utilizing machine learning, Google Cloud Services, including Firebase services, Maps SDK, and IAM. Experienced in creating user-friendly and efficient apps, mentoring team members, and collaborating in agile environments. Fluent in English.

PROFESSIONAL EXPERIENCE

Application Developer

Deutsche Telekom IT Solutions Slovakia   **June 2024 – Present**

- Designed and developed **PegaCons (Pega Construct)**, a mobile and AR application for hands-free operation with antennas.
  - Led the entire development cycle of the Android app using MVC architecture.
  - Integrated Google Cloud Firebase Database and Storage for real-time data management.
- Mentored junior team members, fostering a collaborative and knowledge-sharing environment.
- Co-organized **CoderFest 2024**, presenting PegaCons and showcasing its innovative features.

Full-stack Developer

SlovakTransLine s.r.o   **September 2023 – March 2024**

- Developed **DZS Public Transport Management System**.
  - Designed and implemented backend services using Python and Firebase Realtime Database.
  - Designed and implemented Android app for dispatchers and technicians.
  - Created APIs for managing drivers, vehicles, orders, and client databases.
  - Integrated Firebase Authentication for secure user login and data access.
  - Implemented real-time data updates and notifications for operational efficiency.

Full-stack Developer

BeamAI   **October 2024**

- Designed and built **BeamAI**, a RAG model for GymBeam's product recommendation system.
  - Developed an AI health lifestyle assistant that processes scientific papers.
  - Provided users with personalized recommendations and answers to health-related queries.
  - Showcased the capability of AI in delivering targeted advertisements based on user input.
- Developed **BeamBoost**, a mobile AI assistant utilizing BeamAI RAG technology.

Full-stack Developer

DeepArtMedicine – Košice, Slovakia   **October 2023 – December 2023**

- Designed and developed **medical software** for viewing **MRI** images and predicting anomalies.
  - Implemented backend services using **Python Flask**.
  - Integrated **NNUNet Neural Network** for medical image analysis and predictions.
  - Ensured data security and compliance with medical data regulations.
  - Created frontend using **ReactJS** and **Material 3** Design.

Full-stack Developer

SlovakTransLine s.r.o. – Michalovce, Slovakia   **August 2023 - November 2023**

- Developed an AI chatbot, LitigoAI, for engaging with legal documents using Retrieval Augmented Generation and OpenAI ChatGPT-4.
  - Utilized LangChain to effectively process and provide AI assistance with legal documents.
  - Created a comprehensive solution with both backend and frontend components.

Application Developer

Teslasoft   **March 2023 – October 2024**

- Built **SpeakGPT Android App** using Kotlin and OpenAI technologies, adhering to Material Design 3 guidelines.

- Developed advanced AI assistant and chatbot functionalities.
- Provided support for over 100 AI models, including GPT, Gemini, Claude, and Perplexity.
- Integrated the app into the Android context menu for quick content sharing.
- App available on Google Play: https://play.google.com/store/apps/details?id=org.teslasoft.assistant

Project Manager & Backend Developer

Newtify Project (Team Project)   **June 2022 – July 2022**

- Led the **backend** development team for **Newtify**.
- Designed and developed **RESTful APIs** using **Spring Boot** and adhered to **OpenAPI Specification** for API documentation.
- Managed the database schema and data storage solutions using **MySQL**.
- Integrated external services including the **Open Weather Map API** to display real-time weather information.
- Implemented backend functionalities such as:
    - News content management, moderation systems, and user authentication.
    - **Admin Panel** functionalities for system administrators.
    - Commenting system with moderation capabilities.
- Ensured high performance and security of backend services.
- Oversaw code reviews, testing, and deployment processes.

Project Manager & Frontend Developer

Newtify Project (Team Project)   **June 2022 – July 2022**

- Led a team in developing the **frontend** of **Newtify**, a news platform application.
- Designed and implemented the user interface using **Vaadin** integrated with **Spring Boot** using **MVC** architecture.
- Developed key features including:
    - **Admin Panel** for content management and moderation.
    - User interfaces for news creation, editing, and publishing.
    - Interactive **commenting section** to enhance user engagement.
- Ensured responsiveness and user-friendly design across all devices.
- Collaborated with backend developers to integrate frontend with backend services.
- Managed project timelines, delegated tasks, and facilitated team meetings

Application Developer

Teslasoft   **Jan 2019 – May 2024**

- Developed **Teslasoft ID**, an authentication software supporting Single Sign-On (SSO) on Android devices.
    - Implemented smartcard and two-factor authentication using Google Authenticator.
    - Created an Android library in Java for seamless integration into other applications.
    - Enabled users to sync app and account settings across devices.

EDUCATION

- **Bachelor's Degree in Intelligent Systems** - *Technical University of Košice, Slovakia* - **2021 – 2024**
    - Bachelor's Thesis: Developed a mobile application for intelligent systems (Link: https://opac.crzp.sk/?fn=detailBiblioForm&sid=AA9A59A4FA5B9CCA51904F07A76D)
- **Master's Degree in Intelligent Systems** - *Technical University of Košice, Slovakia* - **2024 – Present**

KEY TECHNOLOGIES

- **Frontend:** ReactJS, Redux, JavaScript, Material Design 3, Tailwind CSS, UI/UX
- **Backend:** Java, Spring, JWT, REST API, Flask, Single Sign On
- **Android:** Android SDK, Firebase Database, Firebase Storage, Firebase Messaging, Google Play Integrity API, Material Design 3
- **AI:** OpenAI API, RAG (retrieval augmented generation) technology
- **Soft:** SCRUM, Project management, Communication, MVC