

Daniil Alekseev

Software Engineer

+971 525442408 da2064@hw.ac.uk Dubai, UAE
@dapucla github.com/Dapucla +7 9888666609

Profile

Software Engineer with 3+ year of experience in Web, Mobile and Blockchain Development, seeking full-time roles.

Areas of Expertise

Backend & Frontend Development (GoLang, JavaScript, Python) - Cross-Platform Mobile Application Development (Flutter) - Native Mobile Application Development (Swift) - UX/UI - Blockchain Engineering - Game Development (Godot) - DevOps

Education

BSc Web-Technologies *Moscow Polytechnic University* **Moscow, Russia** 2019-2023
Relevant Courses: Backend & Frontend Development, Mobile Development, Human Computer Interactions, Machine Learning, Natural Language Processing, Internet Marketing.

Master of Software Engineering *Heriot-Watt University* **Dubai, UAE** 2023 - 2024
Relevant Courses: Machine Learning & Data Mining, 3D Graphics, Advanced Software Engineering, Advanced Human Computer Interaction, DevOps.

Professional Experience

iOS Developer, (*Toyota Motor Russia LLC*) **Moscow, Russia** 07/20 – 12/21

- Contributed to the successful launch of three new iOS applications as part of a collaborative development team.
- Designed and implemented innovative features in iOS applications, contributing to a user base growth of over 20 % in 2020.
- Enhanced app performance and user experience by implementing key optimizations and participating in critical design decisions.

Machine Learning Engineer, (*LLC "Navigator plus"*) **Moscow, Russia** 02/2022 - 09/2022

- Developed and implemented machine learning models to solve business problems, improving prediction accuracy by 20
- Optimized existing algorithms, reducing their runtime by 30
- Implemented MLOps processes, ensuring automation and stability of model deployment in production.
- Participated in the development of computer vision (CV) solutions.

Flutter Developer, (*LLC "Magma"*) **Moscow, Russia** 10/2022 - 08/2023

- Developed and maintained scalable web applications using Flutter, enhancing user experience and reducing page load times by 30
- Created RESTful APIs with Flutter to facilitate seamless data exchange between various components of the web application.
- Collaborated with the content team to improve the content management system, optimizing the content creation process and increasing overall efficiency.

UX/UI Designer, (*Sim Institute*) **Dubai, UAE** 11/2023 - 01/2024

- Designed a comprehensive economic simulation platforms in Figma, including custom icon sets and a unique design systems, ensuring visual consistency and an intuitive user experience.
- Conducted user research and usability testing to refine the platform's interface.
- Collaborated with cross-functional teams to integrate user feedback and implement design changes, streamlining user workflows and improving overall platform usability.

Flutter Developer, (*Sim Institute*) **Dubai, UAE** 02/2024 - 05/2024

- Developed and maintained cross-platform mobile applications using Flutter, ensuring smooth performance and responsive user interfaces across iOS and Android.
- Integrated RESTful APIs into Flutter applications to provide real-time data updates, enhancing user engagement and reducing app load times.

Projects

Vocaberry

As a Swift developer, I proudly present Vocaberry, the ultimate karaoke app for iOS. With a sleek design and intuitive controls, Vocaberry allows users to sing along to their favorite songs, record performances, and share their vocal talents with friends. Whether you're a seasoned performer or a karaoke enthusiast, Vocaberry promises a fun and immersive singing experience right at your fingertips.

Credithereum

This innovative crypto web3 startup bridges cryptocurrency and credit. With a sleek, easy-to-use interface, Credithereum rewards users with crypto tokens for improving their credit scores. Track your credit journey in real-time, get personalized credit tips, and redeem tokens for unique rewards. It's a secure and fun way to build credit while exploring the world of crypto.

Skills

- **Backend & Frontend Development:** Golang, Python Django, React.JS, Node.JS, Redux, PostgreSQL, SQLite, Firebase, Mongo DB
- **Mobile Development:** Flutter, SQLite, Firebase, Swift 5, SwiftUI, UIKit, Realm, PostgreSQL
- **UX/UI:** Figma, Photoshop, Pixelmator
- **Blockchain Engineering:** Solidity, Golang, Python, Ethereum, dApps, Web3.js/Ethers.js, BigchainDB, CI/CD
- **DevOps & MLOps:** Docker, Kubernetes, CI/CD, Jenkins, Prometheus, Graphana, MLFlow, AWS, Ubuntu, CentOS, Terraform

Extra-Curricular Activities

From September 2020 to June 2022 at Cuddy School, Moscow, I volunteered as a Computer Science Teacher, engaging students aged 8-14 with interactive lessons on fundamental coding skills and technology. Through innovative approaches and hands-on projects, I introduced programming languages like Scratch, Python, and Blockly, fostering a love for technology and problem-solving. Collaborating with peers and parents, I organized coding workshops and events, receiving positive feedback for making computer science education enjoyable and accessible. My efforts inspired students to explore the realm of computer science while promoting STEM education within the community.

Languages

- **Russian** - Native
- **English** - C1