

Alexandre Pokhodoun

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Dedicated Software Engineer with a proven track record in full-stack development, demonstrated by the creation of Hivebase.net, a tailored SaaS analytics platform for agriculture. With expertise in React, Node.js, and Android, I tackle complex challenges by prioritizing user needs. Continuously adapting to the latest tech trends, I thrive in teamwork, ensuring the delivery of scalable and impactful business solutions.

Experience

Solo Founder & Software Engineer, Hivebase.net — 2016-present

User Base: Attracted 1,200 paid and numerous free-tier users within 2 years as a self-driven side project.

Product: Developed a SaaS analytics platform tailored for large-scale agriculture, featuring a web portal and an Android app.

Tech Stack: Utilized Angular for web, Android for mobile, and Node.js for backend. Integrated NFC for real-time data.

Scalability: Designed to efficiently manage large agricultural data volumes.

User Features: Built a highly customizable user interface with an advanced analytics engine.

Quality: Implemented QA protocols that boosted customer satisfaction.

Software Engineer (Full stack), Synther.io — 2020-present

Media Sync Project: Key contributor in synchronizing streaming media in virtual rooms for social viewing.

APIs: Helped design RESTful APIs to feed data to a dynamic JavaScript front-end.

Cloud Scalability: Assisted in enabling auto-scaling for better cloud efficiency.

Front-End: Collaborated on refactoring the front-end for higher productivity.

DevOps & Testing: Aided in setting up CI/CD pipelines and contributed to E2E/unit tests.

QA & Docs: Involved in bug testing and project documentation for new team onboarding.

Education

DSA / System design – Projects, courses, independent study and leetcoding.

Experimental physics – Carleton university

Skills

Backend: Node.js / Python / C++

Frontend: React / Angular / JavaScript / Material UI / HTML / CSS

Mobile: Android / Java

Database: MongoDB / SQL / Firebase

ML: Pytorch / Python / Pandas
Transformers / GPT / NLP / RNN / CNN

Embedded: C++ / PlatformIO / MbedOS

Additional skills: Rapid prototyping / 3d modelling (Autodesk fusion 360) / Mathematical representation / Hardware product design / 3d printing / Graphic design / Photoshop / Sales and marketing strategy

Links

Projects: alexpokho.xyz



GitHub



LinkedIn