


# PAVEL SAPAROV

Personal information	<ul style="list-style-type: none"><li>Name, Surname: <b>Pavel Saparov</b></li><li>Phone number: +420 608 520 545</li><li>E-mail: <a href="mailto:saparov.p@gmail.com">saparov.p@gmail.com</a></li><li>Date of Birth: 27. October 1987</li><li>Nationality: Czech Republic</li><li>GitHub: <a href="https://github.com/imcery">https://github.com/imcery</a></li><li>LinkedIn: <a href="https://www.linkedin.com/in/pavelsaparov/">https://www.linkedin.com/in/pavelsaparov/</a></li></ul> 
Education	<p>2007 – 2012 <b>University of Economics, Prague</b></p> <ul style="list-style-type: none"><li>International Economics – International Trade, Finance, Master's degree (MSc.)</li></ul>
Knowledge of languages	English, Czech, Russian – excellent, written and spoken French – proficiency
Knowledge of programming languages	<ul style="list-style-type: none"><li>Python 3.11 (Django, Flask, FastAPI, SQLAlchemy, Pandas, NumPy)</li><li>PHP 8 (Laravel, Eloquent, Inertia, Livewire)</li><li>JavaScript (Node.js, Vue3, React), HTML 5</li><li>C/C++ (Boost, STL, Qt, wxWidgets, OpenGL)</li><li>SQL (MySQL, MariaDB 10/11, PostgreSQL 14/15, SQLite)</li><li>Pascal, R, Haskell, Prolog, Matlab</li><li>Front Arena specific (AEL, ACM, ADFL, ASQL, ADS, AMB, AMS)</li></ul>
Knowledge of operation systems on administration level	<ul style="list-style-type: none"><li>Linux (Fedora/Redhat/CentOs, Ubuntu, Gentoo, Debian)</li><li>AWS, Google Cloud, Docker, Kubernetes</li><li>Windows Server</li></ul>
Work experience	<p><b>06/2022 – until now</b></p> <ul style="list-style-type: none"><li>Working as a freelancer for small companies</li></ul> <p>Right now, I work as a freelancer and assist small companies with various services such as WordPress, Nuxt, Astro, Laravel, and Statamic project changes.</p> <p>Providing hosting adjustments, email marketing setup with ActiveCampaign, ConvertKit, Keap (InfusionSoft), and automations with Zapier and Make.</p> <p>Occasionally, I also help with setting up Facebook and Google Ads campaigns.</p> <p><b>01/2017 – 06/2022</b></p> <ul style="list-style-type: none"><li>Co-founded a fintech start-up <b>HydroPay</b></li></ul> <p>I helped start a fintech company called HydroPay, which was fully licensed by the Czech National Bank (license number: 2016/003884/CNB/570).</p> <p>As the technical co-founder, my main responsibilities were overseeing the development of the payment gateway, API integration with banking acquirers and 3D-Secure providers, creating the merchant's back-office dashboard and main administration dashboard.</p> <p>Our primary goal was to develop a payment gateway that is both reliable and efficient, with no need for redirection, similar to Stripe's Elements. We also aimed to establish a system for collecting and distributing funds for merchants and to provide a cutting-edge payment solution at that time.</p> <p>We used Python 3.8, Flask, FastAPI, and SQLAlchemy for the backend, which was deployed with Docker on AWS. For the front-end, we used JS and Vue3.</p>

	<p><b>08/2015 – 01/2017</b></p> <ul style="list-style-type: none"> <li>Working as developer for <b>Ferratum Bank PLC (now Multitude ETR:FRU)</b> Developing a BNLP project called FerBuy. Creating a full-back with infrastructure in a team of developers, focusing on risk management, fast approval rates, credit checks, balances, and technical integration with merchants.</li> </ul> <p><b>10/2014 – 08/2015</b></p> <ul style="list-style-type: none"> <li>Working as Assistant Vice President (FRONT ARENA Developer at <b>Barclays Bank PLC</b>) Developing trading system extensions and customization using Python, Arena Data Flow Language and A-SQL.  Part of very focused and dedicated team of developers focused on Prime Services and Securities Lending business; responsible for front-to-back solution (from trade capture, price feeds, client onboarding, storing PnL, sweeping to call accounts to reporting for clients, Middle Office and PCG).  Interviewing candidates for the growing team of Front Arena developers in Prague.</li> </ul> <p><b>08/2012 – 10/2014</b></p> <ul style="list-style-type: none"> <li>Working as Senior FRONT ARENA Developer at <b>Barclays Bank PLC</b> Developing and supporting cross-asset class trading system involving Capital Market, Treasury, Equities, FX and Fixed Income. Involved in creating high-frequency algorithmic trading and implementing new financial tools for Pricing &amp; Risk Management. Usage and integration of quantitative analytics libraries.  Mainly focusing on Front Office and Prime Services but also working with various bank departments like OPS, PCG, Market Risk and Treasuries. Producing various financial reports for all stake-holders and banking departments, additionally creating automated reports feeding other down-stream systems. Explaining instrument valuation differences, breaks and differences in PnL attribution. Helping with settlements, confirmations and client valuations.  During my role I was on 1-year assignment in Absa Bank Ltd in Johannesburg, South Africa. Absa Capital and Barclays have been in partnership since 2007, whereby Absa Capital has been the vehicle used by Barclays to expand its operations in the growing markets of South Africa and surrounding countries. In order to facilitate this growth Absa Capital I was assigned to gain a close touch with business infrastructure and engage close relationship with people and business. I was instated in building out leading edge trading platforms and associated systems across many product lines in Africa region. Barclays is currently expanding its trading activities in other 11 African countries.</li> </ul> <p><b>12/2011 – 08/2012</b></p> <ul style="list-style-type: none"> <li>CTO and co-founder of <b>Tisk Kvalitne Ltd</b> a marketing and web2print start-up <ul style="list-style-type: none"> <li>- We provide wide range of products to support your business. If you need to print out flyers, business cards etc. we are the right partners. Our main goal is to have great customer service which is in Czech Republic so unprofessional. We are ready to help.</li> <li>- I developed the whole website and invoice issuing solution fully in Python (I dedicate my spare time and weekends to the project more at <a href="http://tisk-kvalitne.cz">tisk-kvalitne.cz</a>)</li> </ul> </li> </ul> <p><b>02/2011 – 08/2012</b></p> <ul style="list-style-type: none"> <li>Worked as a project manager and lead software developer for Dutch payment service provider <b>Card Gate B.V.</b> <ul style="list-style-type: none"> <li>- the core system is WebService API for merchants to provide them various payment solutions to process credit card payments, refunds, recurring, chargeback etc. As a part of duties was to maintain admin back-office, merchant back-office create e-commerce plugins for open source cart platforms.</li> <li>- All web services were written mainly in Python</li> </ul> </li> </ul>
<p><b>Hobbies</b></p>	<ul style="list-style-type: none"> <li>Reading – fantasy and sci-fi</li> <li>Math &amp; Programming – discrete mathematics and machine learning</li> <li>Sport – Chess, tennis, table-tennis</li> <li>Business and economics – everything related to business, investments and trading</li> </ul>