

Polcode's Python Expertise

Crafting Reliable and Scalable Solutions

We grew up on PHP but Python plays a crucial role in our services. Since 2018, we have been leveraging Python's strengths to deliver innovative, scalable solutions tailored to meet complex business requirements.

Python is our go-to language for handling large-scale data processing, advanced analytics, and projects involving AI and machine learning.



Dedicated Development Teams

Polcode enhances your team with experienced Python developers, **eliminating the overhead of in-house hiring** while ensuring seamless collaboration.

Key Strengths:

- Expertise in Django, Flask, FastAPI, and cloud solutions like AWS.
- Specialization in data processing, serverless architecture, and analytics.
- Clean, well-documented code backed by robust quality assurance.
- Adaptable developers trained in soft skills to fit your workflows and tools.

Our 3-Step Process

1

ANALYSIS

Understand your business needs and technical requirements.

2

ONBOARDING

Introduce your new team members and begin task assignments.

3

DELIVERY MANAGEMENT

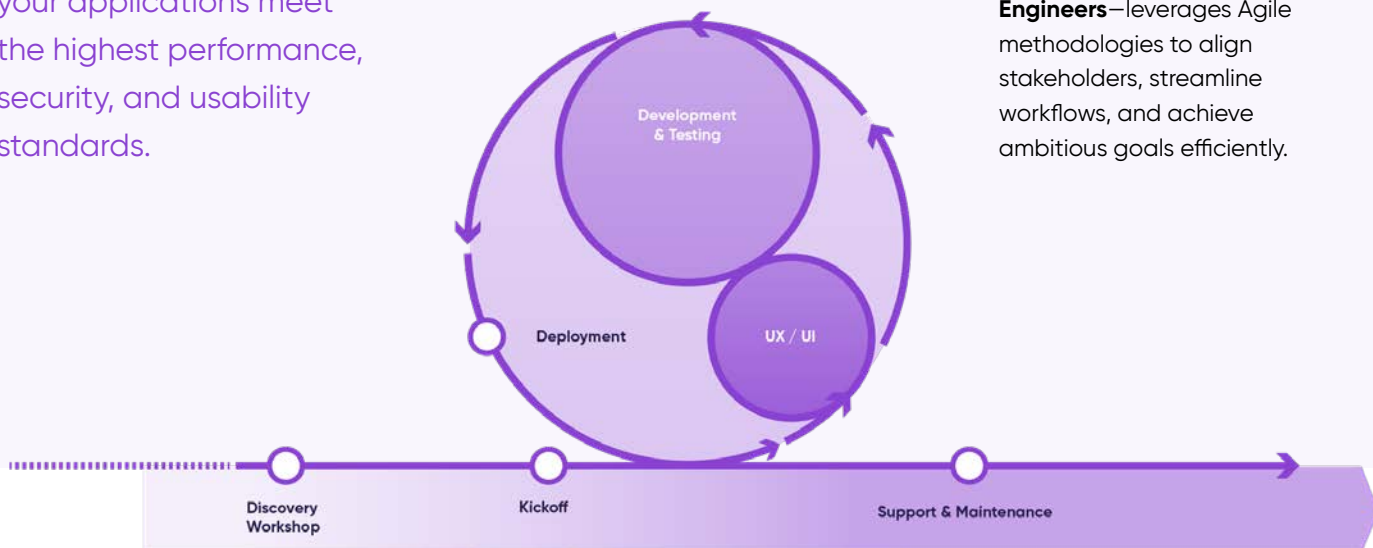
A dedicated manager ensures efficient communication and progress tracking.

Python Development Services

We deliver end-to-end Python solutions, ensuring your applications meet the highest performance, security, and usability standards.

Full-Cycle Product Development

From idea to deployment, our team—including **Project Managers, UX/UI Designers, Developers, and DevOps Engineers**—leverages Agile methodologies to align stakeholders, streamline workflows, and achieve ambitious goals efficiently.



Python Audits (Code and UX/UI)

Evaluate your application's architecture, code quality, and UX/UI to uncover risks, improve performance, and enhance user experience.



Feature Enhancement & Expansion

Seamlessly integrate new features into existing Python applications to enhance functionality without disrupting operations..



Custom Python Development

Create scalable web solutions, analytics platforms, or AI-driven applications using frameworks like Django, Flask, and FastAPI for reliable, high-performing results.



Upgrades & Migrations

Transition to the latest Python frameworks and versions to boost performance, security, and scalability.

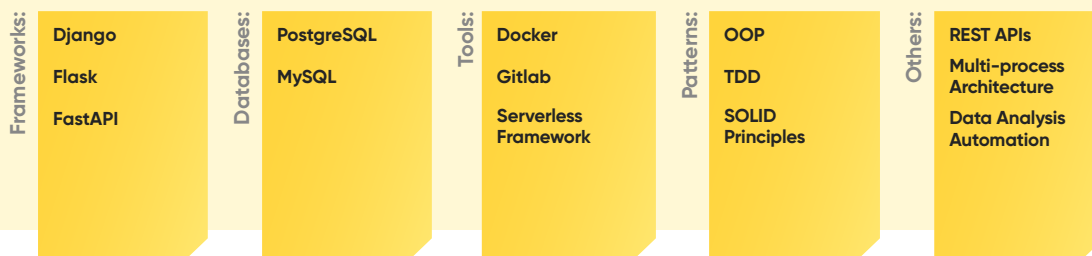


Technical Support & Maintenance

Keep your Python applications running smoothly with proactive monitoring, troubleshooting, and regular updates.

Technology Expertise

We combine Python with a **robust tech stack** to tackle diverse business needs.



Achievements & Recognized Expertise

Dozens of Python Projects: Delivered solutions for AI, machine learning, big data, and more.

Certified Python Developers: Advanced certifications ensure proficiency in the latest best practices.

Top Developer by Clutch.co: Honored for excellence in the competitive software development landscape.

Python Foundation Supporters: Contributing to the sustainability of the Python ecosystem.



Our Mission & Vision

We Care to Deliver Useful Software

Polcode creates software solutions that streamline processes, reduce costs, and drive measurable business growth.

We are on a Journey with Responsible Companies to Achieve Their Goals and Keep Their Uniqueness by Using Our Software.

Empowering socially conscious companies through dynamic partnerships, built on trust and integrity, to achieve sustainable success.

Why Polcode

- Nearly two decades of software development experience.
 - Over 850 clients served globally.
 - A team of highly skilled Python developers with expertise in modern frameworks.
 - Proven success in projects across industries like finance, healthcare, and technology.
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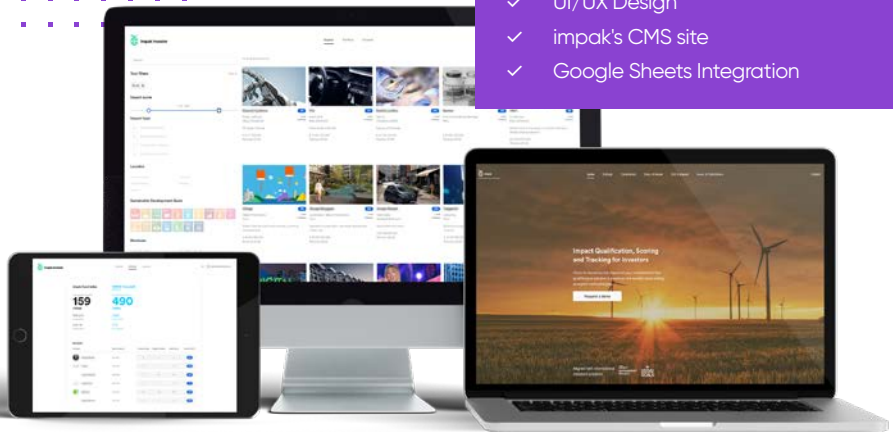


Canadian firm trusts Polcode with their core product development

impak Finance trusted Polcode's product development services to transform their offline, early-stage concept into a market-ready online platform. Instead of hiring a dedicated costly internal team, Polcode's flexible team models allowed them to scale developer talent and hours as needed.

KEY DELIVERABLES:

- ✓ Frontend Development
- ✓ Backend Development
- ✓ UI/UX Design
- ✓ impak's CMS site
- ✓ Google Sheets Integration



I still find it amazing to this day that our teams work so well together. **Polcode, just over the last year, has offered us flexibility, extra resources, extra help on the frontend side, and a team that adapts to changing requirements.** We think of them as our own team now.

CTO at impak Finance

TECHNOLOGIES:



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Combining big data, social media content and personalized AI to engage avocado lovers in new, digital ways

Avocados From Mexico wanted to transform the traditional produce industry with big data and personalized AI. They needed a platform that could engage avo-lovers online, helping them share homemade content, and earn rewards for purchasing avocados through AFM's new loyalty program.

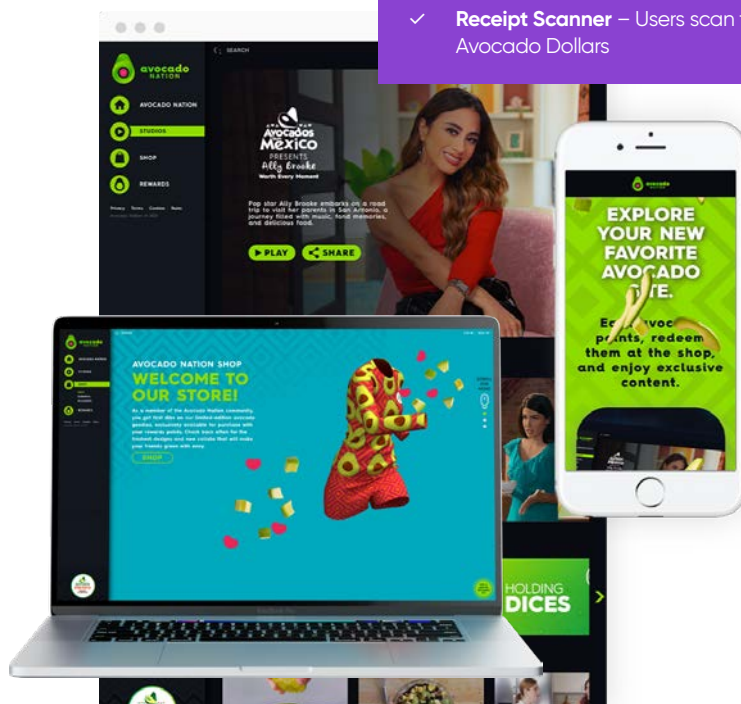
KEY DELIVERABLES:

- ✓ **Studios** – User-generated Content Stream
- ✓ **Shop** – Purchasing Avocado-inspired clothing with virtual Avocado Dollars
- ✓ **Rewards** – Exchanging real-life avocado
- ✓ **Administrative Panel** – Enables AFM to manage everything in one place purchases for Avocado Dollars
- ✓ **Receipt Scanner** – Users scan their receipts to earn Avocado Dollars

TECHNOLOGIES:



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Polcode helped build Bleep's online business training courses

Bleep courses are designed to support local businesses with business strategies and knowledge, while enabling local students and industry experts to use their knowledge in practice.

Polcode developed the Bleep platform where users are rewarded with experience points for answering questions, adding forum posts and inviting new users.

The statistics module offers easy data visualization to help learners track their progress and changes in activity.



KEY DELIVERABLES:

- ✓ Learning Management System
- ✓ Backend Development
- ✓ New Design & New Modules
- ✓ Tracking User's Behaviour
- ✓ Statistics Module with Clear Data Visualisation

TECHNOLOGIES:

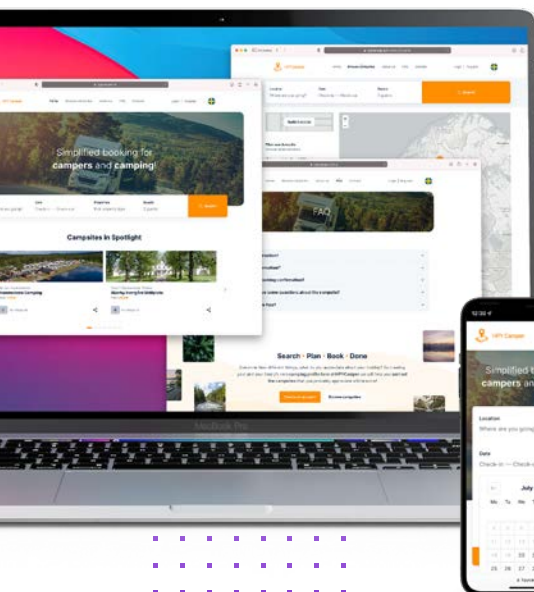


HPY Camper

Polcode built HpyCamper's backend infrastructure using AWS Lambda for serverless computing

HpyCamper is a startup that provides campsites in Sweden with everything needed to handle online booking.

Guests can easily plan, book and pay for their trips, and the campsites themselves benefit from more integrated, digital reservations. The platform gives campsite owners the ability to manage bookings at their campgrounds and accept online payments. For guests, it provides a way to look for price differences or various features of campsites to choose from.



KEY DELIVERABLES:

- ✓ Backend Development
- ✓ Frontend Development
- ✓ UI/UX Design
- ✓ Audit

TECHNOLOGIES:



Let's Build Something Great Together!

Contact Us:

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Work With Developers **You Know And Trust**

Build your Team with Polcode!

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