

# Anton Koulikov

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## Summary

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Full Stack Developer with 2 years of production experience delivering Django-based web applications in live environments. Strong expertise in Django REST Framework, Django ORM, SQL-backed systems, and Playwright end-to-end testing. Experienced in developing React components, optimizing backend performance, and contributing across the full development lifecycle from design through deployment. Calgary-based and available to work onsite full-time.

## Skills

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**Backend:** Python, Django, Django REST Framework (DRF), Django ORM, Celery, Go, Gin, REST APIs

**Frontend:** React.js, React Native (academic projects), JavaScript, HTML5, CSS3, responsive design

**Databases:** PostgreSQL, MySQL, DynamoDB, Firestore

**Testing:** Unit testing, integration testing, end-to-end (E2E) testing, Playwright

**Tools:** Git (version control), Docker (containerization), AWS (EC2, S3), GitHub Actions (CI/CD), Linux

## Experience

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### Software Engineer

May 2024 – January 2026

Newton Crypto

Remote, Canada

- Delivered production REST APIs using Django REST Framework, implementing serializers, validation logic, and structured schemas supporting customer-facing financial features.
- Improved performance and transactional reliability by extending Django ORM models and production migrations, optimizing PostgreSQL queries, and resolving database locking and concurrency issues.
- Developed React components and integrated them with DRF endpoints to enable responsive, dynamic UI flows aligned with product requirements.
- Designed and maintained Playwright-based E2E test suites, preventing regressions across web workflows and ensuring release stability.
- Strengthened code quality through comprehensive unit and integration testing and CI-enforced automated testing and Sonqube quality validation.
- Built internal operational tools using Django Admin, improving auditability and internal efficiency.
- Contributed across the full Agile lifecycle including sprint planning, code reviews, estimation, deployment, and production on-call support.

### IT Help Desk Analyst

May 2023 – September 2023

YMCA Calgary – Brookfield Residential YMCA at Seton

On-site, Canada

- Resolved technical issues for 1,100+ users in a high-volume onsite environment, improving system reliability through structured troubleshooting and cross-team coordination.

## Projects

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Capstone Project - Paper Trading Platform

- Built a responsive full-stack trading simulation platform using React/Next.js and a Go REST API backend, enabling authenticated users to execute simulated trades and track portfolio performance.
- Designed relational database schemas and optimized SQL queries to ensure accurate trade processing and portfolio calculations.
- Integrated third-party market data APIs to deliver real-time pricing updates across 50+ assets.

Mobile Development Project - React Native Weather Application

- Developed a mobile application integrating an external API with navigation and error/loading state handling for responsive mobile UI behavior.

## Education

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### Software Development Diploma

September 2022 – April 2024

Southern Alberta Institute of Technology (SAIT), Calgary, Alberta

GPA 4.0/4.0

### Bachelor of Plant Biology

September 2017 – April 2021

University of Calgary, Calgary, Alberta