

ABHINAV RASTOGI

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EXPERIENCE

RB Global

Mar 2025 – Present

Staff Software Engineer, Payments & Settlements

- Help the payments teams evolve the architecture of the settlements and payments platform, working across five engineering teams.
- Lead system-design deep dives and break large problems into pieces teams can ship quickly.
- Introduce agentic coding workflows and present solutions that speed up decisions.
- Work regularly with SOX auditors to keep the platform compliant and its data secure.
- Play an instrumental role in analyzing how the platform maps to European auction markets, including e-invoicing and the complex nature of auction transactions.

FarmerCPA

Present · alongside full-time work

Co-founder

- Designed and built a platform that automates the tedious parts of running an accounting practice, extracting bank and credit-card statements and mapping them to the general ledger.
- Delivered one-click financial statements.
- Added AI agents that answer complex accounting questions in natural language.

Wayfair

Feb 2021 – 2025

Lead Software Engineer, ML Platforms

- Built high-performance serving software for data scientists, delivering sub-150ms latency for large-scale ML inference.
- Architected an end-to-end testing solution for a real-time fleet-monitoring system that integrates 11 systems, significantly cutting debugging time.
- Led development of Python client libraries for gRPC model servers under strict performance constraints.
- Coached teams on agile practices, pair programming and test-driven development.

Thoughtworks

Sep 2018 – Jan 2021

Senior Software Consultant

- Led DevOps, telemetry and backend development for an event-driven system that enabled same-day money movement for a mid-size financial client (.NET, Azure).
- Led backend development of an aircraft-maintenance scheduling system for a Fortune 500 client (Java, Kubernetes, AWS).
- Built the API and testing strategy for a supplier-to-retail data migration for a major parts retailer.

The City of Calgary

Oct 2014 – Aug 2018

Senior Technical Analyst, Cloud Computing & Open Source

- Created the City's cloud-solution assessment strategy, cutting assessments from months to three weeks. Also drafted the SaaS procurement guidelines and the organization-wide deployment strategy.
- Delivered a learning-management system (Moodle) for 18,000+ employees, saving the City about \$2.5M.
- Brought many cross-functional groups together so the City could adopt new technology effectively.

IHS Markit (financial analytics)

Dec 2011 – Sep 2014

Senior Software Developer

- Led the web team's move to agile, cutting the release cycle from 3–6 months to 2 weeks.
- Designed a framework for client-specific software packages that helped close deals worth more than \$10M.
- Built the foundations of the company's first web-based risk-management system, which later won the 2014 Risk Management System of the Year award.
- Automated code generation and FpML conversion that had been done by hand.

Parley (performance management)

Jan – May 2013

Co-founder

- Won both Startup Weekend Calgary and the Cloud Showdown in Banff, receiving multiple investment offers.
- Acquired by Calgary-based Uppercut.

Questionmark (e-learning)

Aug 2009 – Nov 2011

Senior Software Developer

- Shipped features for the web-based QMLive service in agile, iterative releases that helped the company win new customers quickly.
- Built multi-language support, including right-to-left languages, opening new markets such as Saudi Arabia.
- Built a Kimball-style ETL data warehouse that cut report generation from hours to minutes.

EDUCATION

B.Sc. Computing Science, University of Alberta

2011

Computer Systems Technology Diploma, NAIT

2006

CREDENTIALS & COURSEWORK

Professional Cloud Architect, Google Cloud

2021

Self-Driving Car Nanodegree, Udacity

2018

Neural Networks (Geoffrey Hinton), Coursera

2017

Machine Learning (Andrew Ng), Coursera

2016

Project Management Professional (PMP), PMI

2014

SIDE PROJECTS

- **photos.abhinavrastogi.com**: An AI-built app (made with Devin) that organizes personal photos and writes their captions.
- **life.abhinavrastogi.com**: A personal app for fitness and habit tracking, journaling, project tracking and money management, including weekly AI-written market reports built from CFTC positioning data.
- **PMP Exam Prep Handbook**: A handbook for PMP exam preparation.

COMMUNITY

- Volunteer, PMI Calgary Awards Committee
- Python and JavaScript mentor, Chic Geek and HTML500
- Partner, Global Citizens education project, Bali, Indonesia