

Emil Huseynaliev

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SUMMARY

Senior Software Engineer with over a decade of experience. Strong preference for backend development, automation, and improving the developer experience. Skilled in tackling complex technical challenges and implementing innovative solutions. Experienced in mentoring both technical and non-technical individuals, fostering a collaborative and inclusive learning environment. Passionate about continuous learning and using the “right tool for the job” to drive productivity.

EXPERIENCE

Resy, American Express Global Dining Network

New York, NY

Senior Software Engineer, Backend

Feb 2017 – Present

- Own several features, including Reserve with Google, Reserve with Instagram, point-of-sale, partner integrations, Market City GeoCoder (Slack bot).
- Use Python for Django-based admin dashboards and Flask-based API services.

FactSet Research Systems

New York, NY

Software Engineer, Sell-Side Content Integration Engineering (Backend)

Jun 2013 – Feb 2017

- Took initiative to proactively build a web dashboard to improve observability of nightly Perl-based ETL process and over time, cut the total runtime from twelve hours to four.

New York University

New York, NY

Programmer Analyst, Operations Technology and Support Services

May 2011 – Jun 2013

- Worked on internal web apps written in PHP and ASP.NET/MVC.

CONSULTING / PART-TIME

Furniture.com (via TopTal)

Remote (company based in Atlanta, Georgia)

Senior Backend Engineer

Oct 2023 – May 2024

- Performed root-cause analysis and resolved data issues and other bugs in TypeScript-based ETL pipelines running as AWS step functions.
- Developed their private utils NPM package, containing intuitive typed interfaces (e.g., functions with no more than three parameters) for reading from and writing to S3, parsing CSV data, mapping product variations, etc., to reduce development time and improve code quality.
- Implemented backend for site features, such as product variations, badges, collections.

Sourcezon

Remote (company based in Alberta, Canada)

Lead Software Engineer

Dec 2021 – Sep 2023

- Created documentation, Postman collection, GitHub Actions workflows, and mentored four remote engineers by pairing with them for bug hunting and development.
- Removed legacy code and unused infrastructure to improve platform health and save money on monthly Google Cloud Platform bill (from \$700 to \$350).

Senior Software Engineer

May 2020 – Jul 2021

- Developed and published the company’s apps for Android and iOS using React Native.

EDUCATION

New York University Polytechnic School of Engineering

Brooklyn, NY

Master of Science in Computer Science

Jan 2014 – May 2016

Bachelor of Science in Computer Science

Sep 2009 – May 2013