

BRANISLAV TODOROVIC

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SUMMARY

Experienced and adaptable Software Engineer with a proven track record in designing and implementing RESTful APIs, integrating third-party services, and optimizing application performance. Skilled in developing event-driven microservice-based systems, enhancing the scalability and responsiveness of applications. Proficient in collaborating effectively with cross-functional teams to ensure smooth project execution and delivering valuable contributions to organizations. Committed to bringing significant value to software engineering teams and driving innovation in the field.

SKILLS & CERTIFICATIONS

- **Languages** | Golang, Python, JavaScript, Java
- **Libraries and Frameworks** | React.js, Node.js
- **Databases** | DynamoDB, MongoDB, PostgreSQL
- **Other** | REST, JSON APIs, Git, Jira
- **Amazon Web Services** | AWS Cloud Practitioner Certification (2025)

FETCH, Chicago, IL (Backend Software Engineer - Contract)

01/2023–PRESENT

Developed and maintained Fetch's digital receipt ingestion system deployed on AWS, processing 1M+ digital receipts daily. Contributed to code reviews, design discussions, and optimization efforts, ensuring high system performance and scalability.

- **Designed and implemented an efficient email classification system on AWS** utilizing SQS, Lambda, Sagemaker, and DynamoDB. Successfully classified 2K+ emails per minute, improving efficiency and reducing traffic and system load by 80%. Leveraged go-routines for parallel processing and real-time telemetry monitoring using Grafana and Hosted Graphite for capturing endpoint timing metrics and error tracking. This resulted in accurate and timely email classification, optimizing system resources, and enhancing overall performance.
- **Spearheaded the development of a high-availability Golang microservice that provides 5M+ daily active users access to data from our data lake via a public URL.** Utilized complex analytical queries to retrieve hourly data from multiple Snowflake tables, ensuring accuracy and consistency. The microservice's innovative caching techniques protect the data lake from usage spikes and pre-cache data to ensure optimal sub-10ms latency, delivering high performance for our users. This service provided critical data to our mobile app and support teams, reduced customer support calls by 13%, and significantly improved customer satisfaction.
- **Implemented a privacy filter designed to identify and prevent Personal Identifiable Information (PII)** from persisting in databases or logs, ensuring data privacy for 20M+ monthly users and CCPA compliance.

DRIFT NET SECURITIES, Chicago, IL (Software Engineer)

06/2022–12/2022

Played a vital role in developing and maintaining school security systems. Hands-on experience with React, JavaScript, GraphQL, and DynamoDB was applied to build and deploy high-performing full-stack solutions on AWS. The system efficiently processed student and visitor data across multiple schools, ensuring a safe and secure environment.

- **Developed a Visitor Management System using React.js, AWS, and DynamoDB** to enhance safety and security through a database check system, and optimize performance.
- **Maintained strong communication with the stakeholders**, including Product Managers, UX/UI Designers, and other engineering teams, through regular meetings and updates, resulting in smooth progress, roadblock removal, and a more cohesive team effort.

EDUCATION

- **BS, Computer Science | Western Governors University | USA** 12/2023
- **Software Engineering Immersive | General Assembly | USA** 05/2022
- **BS, Information Technology | Faculty of Technical Sciences | Serbia** 05/2014