Tigran Muradyan

Professional Summary: Software Engineer

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Technical Skills

Languages: JavaScript, TypeScript, Ruby, PHP, Python, Dart

Technologies & Tools: React.js, Next.js, Angular, Vue.js, Node.js, Ruby on Rails, Laravel, Flutter, AWS, MongoDB, GBQ, ClickHouse

Work Experience

Clipp Inc.   Jan 2024 – Current

Senior Software Engineer   *Los Angeles, California*

- Implemented controller-based application architecture, leading to optimized build costs and enhanced scalability.
- Introduced an automated code generation for GraphQL schemas and mutations, significantly reducing the time required for implementing API service endpoints.
- Established Continuous Integration/Deployment (CI/CD) pipelines to automate development and production workflows, resulting in a noticeable reduction in release time.
- **Technologies Used**: Flutter, GraphQL, Next.js, Node.js, TestFlight

Verve Group | **P161**   Apr 2022 – Feb 2024

Software Engineer   *NY City, New York*

- Designed a ClickHouse DBMS with integrated materialized views and a swapping mechanism to tackle memory allocation issues associated with large-scale datasets. This initiative led to a 40% reduction in request time and associated costs.
- Migrated from traditional MySQL databases to ClickHouse columnar database for hourly updating data, resulting in a 25% reduction in query time.
- Transitioned from a cookie-based tracking solution to an AWS Lambda function integrated with DynamoDB, ensuring seamless adaptation to upcoming changes in Chrome's cookie removal strategy.
- **Technologies Used**: React.js, Ruby on Rails, MySQL, ClickHouse, Redis, AWS

Digital Threads   Feb 2021 – Aug 2021

Software Engineer   *Yerevan, Armenia*

- Successfully onboarded 20+ large chain suppliers to the startup and published a production-ready application.
- Initiated the development of a restaurant supply chain application from inception, developing live tracking functionality and automated invoice delivery features.
- **Technologies Used**: Flutter, Node.js, React.js, GraphQL, PostgreSQL, Firebase

Lionix   Jul 2017 – Apr 2022

Software Engineer   *Yerevan, Armenia*

- Optimized healthcare platform by implementing caching techniques, significantly reducing patient questionnaire analysis time.
- Delivered a mobile application for bookmark management, offering both offline and online synchronization capabilities, leading to its recognition as a ProductHunt "App of the Day" startup.
- **Technologies Used**: PHP, Laravel (DDD Pattern), React.js, Node.js, Flutter, MySQL, Firebase, Bitrise, CircleCI

Education

American University of Armenia   Sep 2021 – May 2022

Major in Computer Science   *Yerevan, Armenia*

Projects

Stackoverboard | *Next.js, Flutter, MongoDB, Firebase*

- Developed a mobile application with over 440+ active daily users, demonstrating user engagement, monitored through Firebase event-based analytics. Executed revenue generation strategies by implementing monetization features such as AdMob and seamless payment integrations.

Invasman | *React.js, Node.js, MySQL, AWS (RDS)*

- Delivered a Software as a Service solution to multiple companies for internal asset management. Implemented a comprehensive statistical analysis dashboard and Continuous Integration/Deployment (CI/CD) pipeline using TeamCity and RDS integrations.