Irakli Tchitadze

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SUMMARY

Senior Software Engineer with 12+ years of experience in developing, testing, and deploying software solutions. Proven experience leading and coordinating technical projects, collaborating with other departments, and managing team members.

EXPERIENCE

Senior Software Engineer
ViewTrade   **October 2017 - Present，Jersey City, NJ**

- Working with a stock trading platform and building onboarding and account management microservices with fully dynamic form management and complex KYC checks to improve customer satisfaction and reduce the time to onboard by 80%.
- Built a fully-fledged onboarding system using PHP, Node.JS, Go, Kubernetes, and Docker, plus Redis and MySQL databases. The system served B2B startup fin-tech clients to open a door to trading for their clients.
- Languages used: PHP/Laravel, Golang, NodeJS, TypeScript, Server-side Swift, Java, and Kotlin.
- Databases used: Aurora, MySQL, PostgreSQL, MariaDB, Neo4j, and Redis.
- Infrastructure technologies used: Docker, Kubernetes, Kafka, Redis Pub/Sub, Redis Queues, and gRPC.

Senior Full Stack Developer
PexUniverse   **October 2016 - October 2017，Brooklyn, NY**

- Rebuilt an outdated e-commerce website using PHP Laravel, MySQL, WebSockets, and Redis caching/queues.
- Enhanced user experience by increasing page loading speed by 35% and page interactivity by completion of 11 front-end components and reduction of customer support inquiries by 32%.
- Designed and implemented an API-first architecture with an integrated payment system that utilized OpenSSL for security.
- Improved performance by optimizing SQL queries to reduce page load times by up to 70%.

Senior Back-End Developer
AdvertWise   **August 2015 - October 2016，Tbilisi Georgia**

- Developed and implemented the API and backend of 2 projects: Dgiurad and Imgzavre, using PHP, Laravel, MySQL, Redis, and JWT.
- Developed and maintained a RESTful API for a web application, using PHP, Laravel, MySQL, JavaScript, Node.JS, Swift, Redis, and JWT, improving user engagement by 23%.
- Improved server-side performance by 55% for an e-commerce site by optimizing current code and SQL queries.

Back-End Developer
Ministery of Defense of Georgia   **May 2014 - July 2015，Tbilisi, Georgia**

- Developed complex security systems by implementing algorithms in C++, PHP, and Laravel. Assisted with database design using MySQL, MS-SQL, Redis, and SQLite.
- Enhanced speed and performance of web applications by 15%, reduced average response time by 20%, and streamlined existing processes for a smoother user experience.
- Implemented RESTful web services that increased development efficiency by 30%.

Full Stack Web Developer
Caucasus University   **September 2013 - March 2014，Tbilisi, Georgia**

- Rebuilt university website with a new framework to improve load time by 85%, and implemented multiple internal projects. Used PHP, JavaScript, jQuery, HTML, CSS, Bootstrap, MySQL, C++, MS-SQL.
- Developed and implemented an automated system for tracking web server hosts, improving productivity of day to day tasks by 40%.
- Enhanced the look and feel of the website and implemented AJAX components to modernize the architecture.

Full Stack Web Developer
MyAuto   **March 2013 - September 2013，Tbilisi, Georgia**
- Built a full stack web page for driving license permit tests using PHP, JavaScript, HTML, CSS, MySQL, which fetches data from MySQL database and present it as a quiz with timer and counter for number of correct answers.
- Enhanced site performance across browsers by 200% and reduced response time for page requests by 65%, improved user experience on website with AJAX and JQuery.
- Optimized architecture of web application for high scalability, increased concurrent users by 1000%.

Full Stack Web Developer
Spark Innovations   **September 2011 - March 2013，Tbilisi, Georgia**
- Collaborated with a team of four to build a full stack web application, which processed over 9,000 SQL records and served over 100 users per day.
- Implemented new web applications by applying the latest technologies such as HTML5, CSS3, JavaScript, and jQuery.
- Developed and maintained a website, using technologies: PHP, JavaScript, HTML, CSS, MySQL.

PROJECTS

PexUniverse
PexUniverse • https://pexuniverse.com • October 2016 - October 2017
- Implemented new product pages, product carousels, and product live search features, increasing the sales by over 30%.
- Rewrote the website using PHP/Laravel, Bootstrap, CSS3, HTML5, and JavaScript. MySQL and Redis used for data storage and queue processing.
- Improved website speed by 60%, reduced website loading time to <1s from 6s. Optimized code and delivered a performative and secure platform.

Dgiurad
AdwertWise • https://dgiurad.ge • August 2015 - October 2016
- Created an innovative project that offered Private Houses, Apartments, and Flats for daily rentals throughout Georgia.
- Developed, designed, and maintained a scalable, user-centric, and maintainable website using PHP, Laravel, MySQL, Redis, Bootstrap, JavaScript, and CSS. The website is used by thousands of users daily and contains millions of entries in the database.
- Achieved all business goals ahead of schedule resulting in an increased customer base by 35% and improved user experience by 50%. Liaised with stakeholders to ensure quality product delivery.

EDUCATION

Bachelor of Computer Science
Georgian Technical University • Tbilisi, Georgia • 2016 • 3.82

Bachelor of Computer Science
Caucasus University • Tbilisi, Georgia • 2013 • 3.87

SKILLS

PHP, JavaScript, TypeScript, Golang, Swift, C++, Python, Laravel, NodeJS, MySQL, Postgres, Neo4j, Redis, SQLite, MS-SQL, HTML5, CSS3, Git, SQL, GitHub, GitLab, Docker, Kubernetes, Arduino.