

Konstantin Glazov

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HIGHLIGHTS:

Results-driven Senior Full Stack Developer with over 20 years of experience in building enterprise solutions. Proficient in a wide range of programming languages, frameworks, and cloud platforms. Demonstrated expertise in leading technical teams, optimizing system performance, and implementing secure, scalable applications. Committed to continuous professional development and delivering high-quality software solutions.

SUMMARY:

Technical Summary:

- **Programming Skills:**
Proficient in Python, JavaScript ES6, PHP, Java, Node.js, and various frameworks such as Flask, Django, Laravel, Symfony, Vue, React, Next.js, Nest.js, Express.js, and TypeGraphQL.
- **Data Storage:**
Experienced with PostgreSQL, MySQL, Elasticsearch, MongoDB, Redis, and Oracle.
- **Cloud Platforms:**
Proficient in AWS (S3, CloudFormation, CloudFront, Route53, ES2, RDS, RDS Aurora, Lambda Edge, WAF, Cognito, SQS) and Azure (SSO/MFA, ADFS, Azure Maps, AD, MSAL, AKS), Akamai
- **Containerization & Orchestration:**
Skilled in Docker Containerization & Orchestration with Swarm/Kubernetes, CI/CD, and DevOps.
- **APIs & Integration:**
IoT, Experienced with REST API, GraphQL/Apollo, GraphQL Federation, Microservices, API Gateway, and Kafka.
- **Front-end Development:**
Proficient in HTML, CSS, Bootstrap, Tailwind, Quasar, and jQuery.
- **Cybersecurity:**
Knowledgeable about XSOAR, Cybersecurity, SSO, OWASP, STIX/TAXII, IOC, CVE, SEIM, ADFS, OAuth2
- **LLM & AI:**
Familiar with LLM, llama, codegemma, and open-webui.

Concepts & Methodologies:

- **Agile Development:**
Experienced in Agile methodology and development.
- **Software Design:** Skilled in Object Oriented Programming, Design Patterns, and Microservices Architecture, Domain Driven Design (DDD).

EXPERIENCE

Lead Developer, City of Toronto Park Forestry & Recreation

Mar. 2023 – May. 2024

Engaged in the creation of an asset management solution tailored for the parks and recreation services in the City of Toronto.

- Fostered best practices in software development by applying design patterns, resource management, collection optimization, and REST API integration.
- Utilized Docker containerization to streamline application deployment and management.
- Guided junior developers and technical teams to excel in software development, emphasizing adherence to best practices and design patterns.
- Provided leadership by expertly directing teams to successfully implement design patterns, promoting efficient and high-quality software development outcomes.
- Integrated gates and policies work together to manage user authorization and resource access.

Technology: Node.js JavaScript ES6, Express.js, Docker, GitLab CI/CD, Oracle, Redis, Bootstrap, DataTables, LDAP, OpenApi, Docker/Swarm Orchestration, React.js, Git, Python.

IoT Developer, Bell Canada

June. 2022 – March 2023.

Successfully designed and developed a suite of IoT microservices that enabled clients to receive real-time telemetric data from their smart supply chain and store portal APIs. Notable achievements include:

- Building Node.js microservices to handle various aspects of the store portal and supply chain APIs such as assets-api, products-api, zones-api, trailers-api.
- Integrating with Geotab and BeWhere IoT devices to ensure seamless data exchange
- Collaborated with Data Lake and ADX on Azure Cloud to design and implement an efficient caching strategy, optimizing overall system performance.
- Integrated the zone API with Azure Maps, providing mapping and geospatial services like geofencing and proximity.
- Leveraged the power of Azure Maps to enhance location-based functionalities, enabling clients to make informed decisions based on geographical data.
- Developed a robust multi-tenant model for the store portal API, ensuring scalability and secure operations for multiple clients.
- Implemented stringent security measures to protect sensitive data and maintain the integrity of the system using TYK Getaway API and RHSSO.
- To streamline data processing, I created a GraphQL/Apollo API for a store WIFI ingester simulator. This API greatly improved the efficiency of data processing and enhanced the overall performance of the system.

Technology: Node.js, Express.js, JavaScript, TypeScript, Jest testing, MongoDB, Redis, Microservices, Azure Cloud, Data Lake, ADX, Jira CI/CD, Azure Maps, CosmosDB, Docker, Kubernetes (AKS), TYK/RHSSO, GraphQL, Azure Event Hubs, and OpenApi, Kafka, Python, Git, ETL

Application Architect, TD Bank*Jul. 2021 – June 2022.*

As an Application Architect at TD Bank, I successfully led engineering teams in designing and implementing network defence enhancement and automation solutions that integrated with multiple security related APIs used by TD Bank.

- In this role, I was responsible for making executive software design decisions, acting as a designer, developer, and communicator, and evaluating existing workflows with the engineering team. Additionally, I designed and revised project structures and workflow diagrams, distributed development tasks to a team of software engineers, wrote code sections as part of the project, and signed TLS certificates using Akamai.

Technology: Python, Flask, XSOAR – (X Security Automation Orchestration Platform), TLS, ServiceNow API, Akamai CDN/API, CSR, Trust Chain, CA, Verizon API, Varnish API, Cryptography, TDD, Git

Sr. Developer, Paystone*Des. 2020 – Jul. 2021*

Developed a reputation management platform that seamlessly integrated automated payment processing, customer loyalty, gift card solutions, and reputation marketing.

- Utilized TypeScript with React for front-end development and Apollo/TypeGraphQL framework for back-end features.
- Designed and implemented microservices and Gateway API to ensure secure data access and services.
- Integrated Twilio API and short.io API for sending phone notifications.
- Implemented best practices for secure API design, code reviews, automated testing, and high-quality code.
- Ensured data representations modeled business objects in an extensible and performant manner.

Technology: Node.js, TypeScript, React.js, Storybooks.js, Jest (Unit/Integration testing), GraphQL/Apollo, MongoDB, Mongoose, AWS, Twilio, short.io, Lambda Edge, S3, WAF, API Gateway, Cognito, TypeGraphQL Framework, OpenApi, CI/CD, Webpack, Git

Technical Lead, Interpix Design Inc.*Jul. 2019 – Oct. 2020*

Led the development of cutting-edge SaaS products for scheduling services. My primary responsibilities included:

- Collaborating with product owners, UX/UI designers, and stakeholders to gain a clear understanding of application requirements (both functional and non-functional) and defining software system objectives based on these requirements.
- Creating and implementing an API to streamline task management, team coordination, and schedule organization.
- Utilizing Docker for containerized applications to ensure scalability and reliability.
- Enhancing single-page application security by integrating Microsoft Azure's MSAL authentication framework, ensuring secure multitenant user access.
- Developing RESTful APIs and guiding the team in adopting best practices and design patterns for scalable and maintainable software development.
- Developed Python/Flask AWS Data Pipelines for HBC Canada.
- Mentoring junior developers and providing technical guidance to the rest of the team as a Technical Lead.
- Implemented CloudFront web service to speeds up the distribution of your static and dynamic web content.

Technology:

Node.js, VueJS with Material UI, JavaScript ES6, PHP, Laravel, CSS, SSO, MSAL, PostgreSQL, Redis, Docker, JSON Web Token (JWT), AWS, ElasticSearch, Logstash, Kibana, Filebeat, OpenApi, Azure CI/CD, Python/Flask, AWS, Git, API Gateway, RDS Aurora, CloudFront

Lead Developer, FCB/SIX Consulting*Jul. 2019 – Feb. 2020*

Creating innovative business and technology solutions.

- Dockized application, DevOps on AWS
Developed Node.js API as a micro-service for searching resources and its related proximity using Redis Geolocation for the ActToo site.
- Developed Node.js API for managing the BMW Welcome experience.
- Developed Python/Flask AWS ETL Data Pipelines for HBC Canada.
- Implemented CloudFront web service to speeds up the distribution of your static and dynamic web content using CDN and caching strategies.

Technology:

Node.js, Express.js, JavaScript ES6, Python/Flask, REST API, MySQL, Redis Geolocation, MongoDB, Mongoose, Docker/ Kubernetes, Bitbucket/Jira, JWT, AWS, GitLab CI/CD, Git, ETL

Sr. Full Stack Developer, Deloitte*Sep. 2015 – Jul. 2019*

Developed Treat Intelligence Assessment API to assist threat security analysts. Provided intelligence information to banking and government organizations on Thread Analysis, Vulnerabilities, Indicators of Compromise (IOC), Malware and SEIM.

- Build front-end UI using ReactJS.
- Developed REST Treat Intelligence Assessment API for collecting & exchanging emerging thread information globally on trends and attacks, providing world-class security operations capabilities.
- Implemented SSO/SLO on Azure with Deloitte Global ADFS/MFA.
- Dockized app with Kubernetes and worked on CI/CD scripts
- Build micro-services with Node.js/Express for PGP Encryption of files and text, CVE, PDF Reports, Mongo/GridFS, and Threat Language Parser using Python/Flask.
- Integrated Security Information Event Management APIs, such as IBM QRadar, LogRhythm, TruStar, Splunk and Malware Information Sharing Platform (MISP).

Technology:

Node.js, Express.js, ReactJS, JavaScript ES6, Python/Flask, Jira API, MySQL, ElasticSearch, Redis, MongoDB, Mongo GridFS, Docker/Kubernetes, SSO/SLO ADFS/MFA SAML 2.0, GitLab CI/CD, OpenPGP, JWT, DevOps, Jenkins, Java 11, Spring Framework, TDD, Git, Power BI.

Sr. Full Stack Developer/Architect, Zip Telecom*Apr. 2015 – Sep. 2015*

Designing API to work with the Number Portability Administration Center (NPAC) for transferring customer telephone numbers from one service provider to another.

- Developed REST API services for registering and transferring customer telephone numbers VOIP from one service to another.
- Integrated service for exchanging information for BLIF (White Pages) and E911.

Technology: JavaScript, PHP/Laravel, NGINX, MySQL, Jira, GIT, REST API, XML/SOAP, JWT, Redis Queues, AWS, Git

Sr. Application Developer, Infomart/Postmedia Network*Aug. 2012 – Apr.2015*

Developed software to provide monitoring solutions, and business intelligence to optimize media strategies for monitoring social media, online news, radio and television.

- Developed searching media using various criteria such as tag sets, tasks for Portfolio, Reports, and Source Libraries for news and media publishers.
- Design and developed a multi-website solution for Integration iHomeFinder MLS boards.
- Developed REST API for generation and management of Realtor MLS by automated creation of WP site on AWS with domain transfer/registration.

Technology: MySQL, PHP5, Laravel, jQuery, JavaScript, Bootstrap, JSON, High Charts, ElasticSearch, Memcached services, REST API, AWS: (EC2, Route53, S3, RDS Multi-AZ deployment, Cloud Formation, N, SQS), Jira, Confluence, Java Spring, Git

Sr. Application Developer, Devlin Architect

May. 2008 – Aug. 2012

Devlin Architect is an award-winning interactive agency in Toronto specializing in brand-building strategy, experience design, and digital marketing services. As a member of the User Experience team, duties included:

- Developed Blacks photo portal website featuring editorial content, photo albums and photographs. This portal is similar to Flickr API that provides Black's customers a place to manage user photos, sharing albums and participate in community.
- Build middle tier multitenant meta-data driven API
- to integrate SOA Web services with SaaS Java backend, existing E-Commerce platform, Learning Section, and WordPress for Restful feature feed.

Technology: Java/Spring Framework, JavaScript, Oracle, REST Services, CAS Service, SSO, Social media networks, PHP, Unit Testing, TDD, Git

Sr. Developer GANZ

Feb. 2005 – Aug. 2008

Lead on development of custom CMS for Webkinz customer support, help, FAQ, and front-page sections with international content.

- Worked on various admin tools to support game programming.
- Developed server-side API for 30mn plus users.
- Develop game for "Growing Garden".

Technology: Java, Spring Framework, MySQL, JavaScript, CSS, AJAX, XML, Git

Application Developer SMART Technology

Feb. 2000 – Feb. 2005

SMART Technology is committed to the highest level of service and product development to assist real estate services to become number one in the market place. During my employment my duties was:

- Lead on development and implementation on number of web-based application for Real-Estate Services, Financial and Accounting management systems. Such as Real-Estate Listing Services, Landing Servicing, Mortgage origination underwriting and support, Broker-Agent Management, Investors Pool Management.
- Developing a Financial management system for residential warranty program to provide warranty protection for new homebuyers.

Technology: PostgreSQL JavaScript, CSS, J2EE, XML, JSF, LINUX, Java Spring Framework, Git

EDUCATION:

B.S. in Computing and Information Systems (Post Diploma)
Athabasca University
Diploma in Computer Programming and Analysis (3 years)
Seneca College of Applied Art and Technology