

KAMIL BABAYEV

Principal Software Engineer

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Dublin, Ireland

SUMMARY

Kamil is a Principal Software Engineer with more than 10 years of experience in vast range of technologies and frameworks. With a diverse experience in many programming languages both frontend and backend such as Java EE & SE (Spring & Hibernate), Python, PHP, React, Angular.js etc, he worked with exciting technologies and tools such as Cloud Computing, Hadoop, Amazon S3, EC2, Microsoft Azure etc. He has hands-on experience in implementing different Software Engineering Life Cycles including Agile Development Methodology and Extreme Programming to optimize software quality and team throughput. He is also experienced in production and development servers maintenance, tuning them to handle user traffic and memory usage on Linux machines. Furthermore, he is passionate about staying up-to-date with the latest web development trends and technologies. He is constantly learning and expanding his skill set to deliver the best possible results. Last, but not least, he is an effective communicator with good soft-skills and a good team player and comfortable working with diverse people, training teams and leading them in a very friendly fashion. In his free time, he enjoys riding bike, playing basketball and reading stories of successful people.

SKILLS

Java	Spring	Hibernate	JavaScript	NodeJS	ExpressJS	NestJS	ReactJS	NextJS	Angular
Redux	RxJS	Ionic	Python	Django	Cloud Computing	Hadoop	Amazon S3	Amazon EC2	
Microsoft Azure	Google Cloud	Oracle	PostgreSQL	MongoDB	MVC	OOP	Agile Development		
Extreme Programming	Linux	Git	Mentoring	Leadership					

EXPERIENCE

Principal Software Engineer

Stealth Startup

10/2022 - Present Dublin

- Worked with team members to design and develop robust solutions to create a newer generation social networking application.
- Set up continuous integration and deployment pipelines with GitLab, Terraform and AWS ECR.
- Created a serverless backend using serverless framework, AWS lambda and DynamoDB.
- Provided guidance to less experienced members to follow the advanced principles and conventions.

Staff Software Engineer

Liberty IT

11/2020 - 10/2022 Dublin

- Responsible for mentoring, technical direction and leadership in a complex multi-tier web application which successfully processed a \$2 billion Surety bond.
- Built out internal and external business wide reusable APIs and standards for API development.
- Delivery automation, standardization and business value through Core business APIs such as access management(OAuth), address verification, document conversion, tokenization and encryption services, email service and a GraphQL/Apache arrow flight API.
- Technically led a team of 5 engineers across different countries and performed full stack software design and implementation.

Senior Software Engineer

Liberty IT

11/2017 - 10/2020 Dublin

- Designed and developed Single page applications using react, node.js and serverless technology for various projects.
- Created a customer facing application client and services using Node, React, Java Spring boot, Docker.
- Developed a Java application to automate chip flashing and product labeling.
- Implemented an ERP system to track production and integrated it with the Java application.
- Developed automated test systems and internal tools with Python.

Software Development Engineer

Amazon

01/2015 - 10/2017 Dublin

- Worked on an internal tool that provided analytics using the retail websites clickstream.
- Worked on active network monitoring solution for AWS.
- Scaled the current system to support AWS network growth and introduced new methods for network monitoring.
- Adopted new access control features for an internal REST API.
- Created and maintained general systems automation tools, performance and availability dashboards.

EXPERIENCE

Software Engineer

Intel

06/2013 - 12/2014 Dublin

- Designed and Developed Linux/FreeBSD C kernel device driver enabling hardware acceleration of symmetric crypto features: hash, cipher and combined mode as used by IPSEC, SSL and TLS protocols.
- Worked with global multi-site teams throughout development and integration phases.
- Maintained configuration specs, labeling, merging, nightly build, code coverage and code churn metrics, static analysis tools.
- Mentored junior developers and provided training to new hires.

Summer Intern

Intel

06/2012 - 09/2012 Dublin

- Worked with the Intel Architecture Firmware team and helped develop tools for testing and debugging BIOS software.
- Developed an application to demonstrate the DPDK IPsec encryption and authentication libraries.
- Benchmarked, identified bottlenecks and performance tuning of software developed using Intel VTune.

EDUCATION

Master's Degree, Software Engineering

Dublin City University


2012 - 2013

Bachelor of Science, Computer Applications & Software Engineering

Dublin City University


2008 - 2012

ACHIEVEMENTS



Create serverless architecture to clone 3rd party provider API

The new architecture helped the company to save more than \$8000 monthly



Performance Optimization of a location-based React web application

Performed optimization of a React web application which resulted 40% smaller bundle size and 60% faster speed.

CERTIFICATION

Node.js Certified Developer

OpenJS Foundation

Certified JavaScript Expert

HackerRank