

Ermir Suldashi

EDUCATION

Illinois Institute of Technology

Chicago, Illinois

Master of Science in Computer Science •
Graduated July 2017 •
Academic scholarship

American University in Bulgaria

Blagoevgrad, Bulgaria

Bachelor of Arts in Computer Science • Graduated May 2013
• Academic scholarship

TECHNOLOGIES

TypeScript, JavaScript, Node.js, React, React Native, Vue, AWS, SQL, WebRTC, C#, Unity, Docker, PHP

CONTACT

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<https://suldashi.com>
<https://github.com/suldashi>
<https://jsforgames.com>

SELECT EXPERIENCE

Cogram AI, Software Developer (Contractor)

Berlin, Germany (remote) | October 2023 to November 2023

Developed and implemented a dockerized C++ and Python app that integrated the Zoom Meeting SDK for Linux. This app is capable of joining Zoom calls as a “bot” participant and can record the raw audio, chat, and event data. The C++ app was controlled by a Python app and they communicated using ZMQ with a standardized schema. The entire package was scalable and could be deployed to any standard Docker implementation.

V7, Senior Software Developer

London, UK (remote) | January 2023 to April 2023

Developed multiple features for the annotation editor that allows users to manually or automatically label objects or areas of interest in images or videos. These annotations are used to train AI systems to automatically detect objects and extract useful information from unlabeled images, for example detecting defective products in an assembly line or detecting the presence of anomalous areas in medical x-rays. • Technologies used included Vue, Canvas, WebGL, SVG.

TopTal, Freelance Senior Software Developer

Remote | April 2021 to present

Senior Frontend Developer at Genesis Digital • Implemented pages and components for a SaaS dashboard where the users would have access to all the settings and controls for a suite of products. The dashboard contained features such as routing, statistics, back-end integration, and complex state. • Ported legacy jQuery functionality to new Vue components without downtime or disrupting the existing features. • Released several features using new designs, simplified flows, and fewer clicks, which increased the user retention rate and reduced user churn.

Senior Software Developer at ORKES • Developed a Software as a Service React app that let users manage and provision custom cloud instances of Netflix Conductor • Designed features using React for internal Netflix Conductor instances that ran in the SaaS cloud • Technologies used included Netflix Conductor, React, Java, and AWS.

Senior Full Stack Developer at FONOA • Developed custom integrations with 100+ national business databases using scraping, APIs, crawling, and automated browsing • Implemented internal performance monitoring for custom scalability across workloads with a high variance of research usage • Technologies used included Puppeteer, React, Node.js, and XPath.

Inspire 11, Senior Software Developer

Prishtina Kosovo | October 2018 to March 2021

Developed 10+ web & mobile apps for clients in logistics, healthcare, legal and energy sectors in the United States
• Clients included startups and established industry leaders • Technologies used included React, React Native, Angular, Node.js and AWS • Managed team of three interns.

- ▶ *Highlighted project:* Developed React app for logistics industry client that directly interfaced with hardware modules installed on trucks and trailers. The web app was used to track and optimize the use of the customer's fleet of 100+ vehicles.

Solaborate, Software Developer

Prishtina Kosovo | August 2017 to June 2018

Developed Selected Forwarding Unit multiparty group call system that allowed 15+ user group calls, improving on old P2P system with 5-user limit • Technologies used included Kurento, Node.js, Redis, Asterisk and React.

- ▶ *Highlighted project:* Developed a WebRTC - SIP integration system that connected WebRTC group calls with the SIP telephony system. Anyone with a special number could call with their SIP phone and dial in to a group call using WebRTC. Feature was developed using Asterisk.

INDEPENDENT PROJECTS

outsider.fm, Founder

Prishtina, Kosovo | June 2020 to December 2021

outsider.fm was a social media platform focused on broadcasting the spoken word. Using outsider.fm, a person could broadcast to thousands of listeners at a time and invite one or more listeners to seamlessly join the conversation. Outsider.fm supported features such as text chat, polls, channel moderation, and had the infrastructure and capabilities to support deep engagement between audience and broadcaster.

jsforgames.com, Author

January 2023 to present

jsforgames.com is a book that explains the steps and techniques needed to build a game engine in JavaScript. The book is freely available and chapters are published as they're written. Some of the topics covered are: The ECS pattern, graphics, motion, collision detection, algebra, and more.

debugCon, Conference Founder

Prishtina, Kosovo | March 2019 to present

debugCon is an annual software development conference in Prishtina, Kosovo. Conference featured 24 speakers, each with a 10-minute slot to speak about their favorite software development topic. Over 400 local developers attended. Signed agreements with 10+ sponsors who joined the conference job fair.

All talks were published on YouTube, where they are available to the public.