Arpad (Arpi) Kiss

Full-spectrum Digital Product Engineering Consultant, with 20 years of experience in web & software craftsmanship. **NodeJS Expert**, **AWS Cloud Engineer**, **Software Architect**, seasoned **UI developer**, and design, development, and operations leader.

Currently

GreenEyes Artificial Intelligence Services, LLC. (US, Delaware, remote) 2022-

Part-time **Chief Executive Officer & Founder** of the group. Our products range from an AWS cloud-hosted AI Computer Vision Technology Platform, APIs, and native, web, and mobile applications. We own and develop AI models and built a Vector Database in C++ on Cloud-Native outperforming Qdrant, the market leader solution. Next to coding and technical leadership, I do freelance consulting in Product Management, Cloud Computing, and Agile Software Development.

Stack: Angular React NodeJS TypeScript C++ Redis PostgreSQL Docker GitLab AWS Serverless
Links: www.greeneyes.ai, www.artscape.app, console.cloud.greeneyes.ai/documentation
NPM packages: www.npmjs.com/search?q=@greeneyesai
Own TypeScript MVC framework, over 15.000 installs:
www.npmjs.com/package/@greeneyesai/api-utils
System design (BSc thesis in English): www.arpi.im/thesis_eng.pdf
Replatforming White paper (in English): www.arpi.im/replatforming.pdf

Previously

IBM (Budapest, hybrid) 2020-2023

Backend group lead (3 person), **Senior Developer** of a career management app, occasionally delivering high fidelity UX/UI prototypes, developing Front end with React, Back-end development and data engineering with NodeJS, MongoDB, Docker, IBM Cloud, operating a microservice cluster and developing APIs for other teams to integrate with our data lake. 200k end users used our tool.

GE Healthcare (Budapest, on-site) 2019

Senior Developer and Cloud Consultant of a BI/Analytics tool (AWS).
Angular C# Java MySQL Docker

Barclays Investment Bank (formerly Lehman Brothers, on-site in Prague) 2018-2019

Application Developer (AVP), built a WYSIWYG text editor and review workflow management app, a CMS for Barclays Live used by Chartered Financial Analysts. I worked on the front end using Angular, back end development using Java & MongoDB, and hosting on-prem (TeamCity). We worked with colleagues from New York and London.

NEORIS (MX, on-site in Prague) 2017

Team lead, **Senior Developer**. In a small team, we built an ERP system for CEMEX. Led 5 people, and implemented a CI/CD pipeline. Angular Cloud Foundry IBM Bluemix

Bettr.App (South Africa, Cape Town, remote) 2016/2017

The challenger bank's **Leading architect** (VP of Eng.), led 3 people. Architectural planning, automation, back-end development. Implemented an own AWS Lambda runtime, and developed a mobile app prototype.
NodeJS Angular Redis PostgreSQL Gulp AWS

TimelinePI, Inc. (US, Pennsylvania, remote) 2015-2016

The **Leading architect** and **Senior Developer** of an AI Platform for Time-series data analysis. Used web sockets (JSON RPC) for data processing workflows, CI/CD development, cloud orchestration, and full-stack software development. Led 5 developers.
NodeJS Go AngularJS Redis PostgreSQL Gulp Heroku AWS

Various freelance works in Design and Development (Hungary, remote) 2003-2015

Since 2003 I have been doing **web design**, web and application **development**, and **project management** for clients like FHB Bank, Cetelem Bank, Aldi, Unilever, Vatera, Balabit, IBS, Arukereso, Sony, Panasonic, and E-commerce sites across 4 continents. I delivered about 20 websites, 50 web apps, and 4 mobile apps (iOS). Apache2 PHP MySQL Codeigniter C++ NodeJS Redis PostgreSQL MongoDB JQuery BackboneJS BaconJS RequireJS Handlebars Grunt Gulp Objective-C CocoaPods MagicalRecord AFNetworking GPUImage

Contact

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★ arc.dev/@arpad
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★ github.com/arpad1337

Stack

Android iOS Capacitor TypeScript NodeJS C++ Go Python Java C# HTML5 CSS3 React Angular SASS Bootstrap Tailwind Vite MySQL PostgreSQL MongoDB Redis Docker IaC AWS AWS CDK K8S Serverless CI/CD CloudNative ComputerVision MachineLearning ArtificialIntelligence GitLab GitHub

Education

★ Business IT in English MSc (unfinished),
Obuda University
2023-2024
★ Media Design MA (unfinished),
MOME Budapest
2015-2016
★ Computer Vision (summer school and exchange semester)
Universität Koblenz
2012-2013
★ Engineering IT BSc (good),
Obuda University
2009-2014

Certs & licenses

★ Security and Privacy by Design Foundations, IBM 2022
★ Team Solution Design, IBM 2021
★ Architectural Thinking, IBM 2021
★ Cloud Core, IBM 2020
★ Containers & Kubernetes Essentials, IBM 2020
★ Enterprise Design Thinking Practitioner, IBM 2020
★ Certificate of Attendance of Intensive Program on Computer Vision summer school, Universität Koblenz 2012

Languages

★ English B2, TELC 2014, estimated C1 by 2016
★ German A2, Univeristät Koblenz 2012
★ Hungarian native