David Stancu
Software Engineer

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https://github.com/mach-kernel

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about

My practice focuses on building fast, efficient, and maintainable software at scale to deliver impactful experiences. I have worked on a variety of systems varying from RTOS-enabled microcontrollers to large HA distributed systems. I firmly believe in a polyglot and interdisciplinary approach to problem solving: trying new things is crucial.

favorite buzzwords

ruby, javascript (es6+), elixir, erlang-otp, java, kotlin, kafka, c, c++, assembly, rabbitmq, react, react-native, vue, elasticsearch, redis, mongodb, sql, vert.x, akka, heroku, kubernetes, AWS, git, linux

projects & oss

ruby-grape/grape-roar
HAL object serialization middleware for Grape API

swagger-api/swagger-codegen
Complex shape serialization and OAuth support for Ruby, Python, PHP, Java.

karafka/karafka
Kafka app framework for Ruby exposing actor abstractions inspired by Akka, with "Rails simplicity".

mach-kernel/vertx-ext-spa-ssr
Server-render React SPA components in parallel on Nashorn and vert.x

mach-kernel/cadius
Portable C99 ProDOS filesystem utility for the Apple II family.

work experience

Investopedia
Lead Software Engineer
01/2018 - present

Designed and planned new SoA for content rendering and ETL using vert.x & Kotlin. Developed Nashorn based parallelized React SSR render pipeline.

Catalyst
Lead Software Engineer
07/2017 - 01/2018

Leading software architecture for a CRM product in the customer success space. Designed real-time integrations stream with Salesforce.

MyBankTracker
Senior Software Engineer
10/2016 - 06/2017

API architecture and ETL job design for maintenance of compliance data from clients. Heavy SEO optimizations, caching.

Vericred
Senior Software Engineer
01/2016 - 09/2016

Dwolla
Developer Relations Engineer
04/2014 - 12/2015

education

NYU Polytechnic School of Engineering
BS Computer Science, 3.30 GPA

i18n

english (native), romanian (native), spanish (proficient)