David Basalla - Senior Software Engineer

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I am a **Senior Software Engineer** with a unique blend of technical and creative experience as Full Stack Web Developer and VFX artist (8+ years respectively). I love crafting compelling and accessible digital experiences for (and with) users. Furthermore I can facilitate the digital product development cycle from start to finish (problem definition, prototyping, UX/UI, frontend & backend development, DevOps, user testing, incident management). My ideal work environment is in a supportive, high-performing and agile team.

Professional experience

Senior Software Engineer @ Unity, Copenhagen (2022 - Current)
Working on internal web-based tools (TypeScript, NextJS, Express, Prisma) and consulting on customer projects in DevOps role (Jenkins, Docker).

Freelance Senior Developer @ Isabel Group, Brussels (2019 - 2022)
Worked on digital identity (www.trulius.be) and signature solutions (www.signhere.be) with React, Rails, Docker, Openshift & OpenID Connect.

Consultant Full Stack Developer @ Red Badger, London (2017 - 2019)
Worked with high profile clients HSBC and Fortnum & Mason on new features, primarily with React, NodeJS, Ruby on Rails & AWS.

Developer @ Government Digital Services (GDS), London (2016 - 2017)
Worked as UK civil servant on the GOV.UK (UK government's website) micro-service platform, primarily with Ruby on Rails. Team Tech Lead for 4 months and received a Civil Service Award bonus for my performance.

Developer @ Unboxed Consulting, London (2015 - 2016)
Worked primarily on Ruby on Rails and JS projects, with focus on Agile delivery and TDD (most high profile: E-petitions for UK government).

3D Technical Director & Sequence Supervisor, UK/NZ/US (2005 - 2014)
After initially working as a technical artist, I lead teams of up to 30 people on such Oscar award winning movies as Avatar, The Dark Knight and more at the top VFX companies in the world (Weta Digital, Industrial Light & Magic and DNEG). Also worked with Python, MEL and PyQt on internal tooling.

Education

MSc Computer Science, Imperial College London (2013 - 2014)
Distinction, Algorithms, Databases, Graphics and AI, C++, SQL, Java, Prolog

BA & MSc Computer Animation, Bournemouth University (2001 - 2005)
Distinction, experience with C/C++ and OpenGL

Side projects

cinelandmarks.com - Website for cinema lovers (Gatsby, Contentful API)
Physio an der Bucht, Berlin - Website & Staff Management tooling (Python)

Address

Copenhagen, Denmark

Skills

Programming languages:
JavaScript, TypeScript, Ruby, Python

Frameworks:
NodeJS, React, Ruby on Rails, ExpressJS, NextJS, NestJS, Flask, PyQt

Databases:
SQL, MongoDB, ElasticSearch, Redis

Testing/TDD:
Jest, Cypress, Playwright, RSpec, Cucumber

CI/CD:
Jenkins, CircleCI, Gitlab CI, Buildkite, Github Actions

Hosting:
AWS, Terraform, Docker, OpenShift, Kubernetes, Linux

3D Graphics:
Maya, Photoshop, Nuke, Renderman, WebGL

Languages:

English & German - Native
Danish - Advanced
French - Intermediate
Portuguese - Beginner