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Summary

Senior cloud solution developer with 10+ years of experience designing and building scalable web applications and services.

Building awesome user experience (design and performance) is my passion. With a piece of profound knowledge in networking and web frontend architectures, I see everything from the database to the screen, as my natural habitat.

Frontend developers are always the last in the chain to see, what final data looks like. Still, they are the first in line to get bug reports from unsatisfied users. After many years in the business, I've developed a strong drive to automate as much as possible and have lean release processes in my projects.



Work experience

Today -
7/2021

Robert Bosch GmbH (Schillerhöhe, Germany)

Senior Cloud Solution Engineer

Building a future compliant software development ecosystem for developers at Bosch and joining forces with Microsoft/Github on building modern tools for the automotive industry.

Being a central Bosch project, our mission is also to help Bosch's top management understand where the company struggles in the digital transformation.

#DeveloperAdvocacy #DigitalTransformation #IoT #Github #GithubActions

#AzureKubernetesService #AzureStaticWebApps #Serverless #Agile #Scrum #SAFe

06/2021 -
04/2016

Robert Bosch GmbH (Abstatt, Germany)

Software Engineer

Working as a full-stack developer on the Bosch Wrong-way Driver Warning service. Building Microservices in Node.js and Scala/Java. Building CI/CD pipelines in Gitlab, to build containers and run them on Azure Kubernetes Service (~100 Nodes).

Highly scalable solution (10k req/s) with real-time analysis of incoming data, pushing out warnings to connected users in just a few seconds.

A colleague and I had the honor to present our project during Microsoft Ignite 2019 in Orlando, together with Microsoft CSA Ricardo Niepel.

#AzureKubernetesService #Gitlab #Node.js #TypeScript #Kafka #AzureDataExplorer

#AzureAPIManagement #AzureStaticWebApps #Angular #Vue #React #Agile #Scrum

04/2016 - **Self-Employed / Freelancer (Beilstein, Germany)**
01/2015 Fullstack Development and Consulting

Developer and Consultant for different customer projects.

#Angular #React #Consulting #SelfEmployed #Node.js #TypeScript #PHP #SQL #NoSQL

Building the Mercedes Benz Collection Shop as a Frontend Lead for 10+ frontend engineers. Connecting all the bits and pieces and building a bridge to the eCommerce backend based on SAP Hybris.

#AngularJS #SAP #Hybris #Agile #Scrum

08/2012 - **Bechtle AG (Neckarsulm, Germany)**
12/2014 UX and Frontend Development

Building an internal AngularJS based CMS/ECM to generate catalog pages in a web-based editor and then generate Adobe InDesign documents for post-production out of it.

#AngularJS #CoffeeScript #MacOSServer #Python #Kanban

07/2008 - **n3k Informatik GmbH (Heilbronn, Germany)**
03/2010 Technology Consultant & Trainer

Technology Consultant for DNS/DHCP solutions. Focus on working with Infoblox and Alcatel Lucent VitalQIP. Migrating global DNS/DHCP installations and training end-users in our products.

#DNS #DHCP #Linux #Unix #WindowsADDNS #Consulting #Networking #Security #Instructor

03/2007 - **Internship (IBM, Hamburg, Germany)**
09/2007 Open Source in IBM Projects & Agile Project Management

Analysis of Open Sources licenses and validation if project teams can use them in customer projects. I did a lot of customer requirements analysis, together with my manager.

#OpenSource #Requirements #ProjectManagement

03/2005 - **Internship (Schwarzdesign, Köln, Germany)**
09/2004 Web development

Building customer websites using PHP, MySQL and the agencies own Content Management System.

#PHP #JavaScript #HTML #CSS #MySQL



Education

Nanodegree, Self Driving Car Engineer - 2018

Udacity (Online)

Self-driving cars are transformational technology, on the cutting-edge of robotics, machine learning, and engineering. In this Udacity Nanodegree, I acquired the skills and techniques used by self-driving car teams at the most advanced technology companies in the world.

Master of Computer Science and Media (M.Sc.) - 2012

University of Applied Science (Stuttgart, Germany)

Thesis @ Volkswagen (Stuttgart, Germany)

Conception of a web based runtime environment for in-car infotainment systems

#AngularJS #Grunt #Node.js #Redis

Bachelor of Media Informatics (B.Sc.) - 2008

University of Applied Science (Stuttgart, Germany)

Thesis @ IBM (Research Lab Böblingen, Germany)

Integration of voice based services in virtual worlds, based on open standards

#SecondLife #Asterisk

♥ What's crucial for me in my daily life

- conducting rapid and lifelong learning and knowledge sharing
- thinking and acting like an entrepreneur
- being open minded and not always accepting the status quo
- being an inherent part of interdisciplinary teams
- emphasizing new ways of working
- appreciating sense of humor, transparency and honesty
- Go out and have fun in the nature and the city

✓ Checklist

Product & Team Management	Leadership, Communication, Time Management, Risk Management, Scrum, Kanban, Scrumban, DevOps, SAFe
Front-end Development	HTML, CSS, JavaScript / TypeScript (Vanilla / ESNext, Angular, React, Vue, etc.), AMP, PWA, Hybrid App Development, Responsive Design, Performance Optimization, SEO, Accessibility, etc.
Back-end Development	Node.js, Go, Python, Bash, PHP, MySQL & NoSQL Databases, I can but don't like Java/Scala
Cloud Development	Azure Kubernetes Service, Azure Cache for Redis, Azure Power Apps, Azure Static Web Apps, Azure API Management, Azure Functions, Google Firebase, Azure HD Insights, Azure Logic Apps, Azure Log Analytics, Azure Data Explorer
CI/CD	Github Actions, Gitlab Pipelines, Drone.io, Jenkins
Technical Concept	Design Thinking, Rapid Prototyping, Wireframes / Mockups
Other Technical Skills & Tools	Data Analytics, Azure, AI Technology, Hosting & Infrastructure Setup, Microsoft 365, GSuite, Adobe Suite, Atlassian Suite, Linux, Unix, Git, etc.
Languages	Fluent in English and Native in German, basic knowledge in French and Spanish (what you need on vacation)