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Summary

I have over 15 years of experience in green technology, software development and computer science research. I have been building and leading teams and companies around technology and sustainability for the past 10+ years and am currently working as consultant, mentor, coach and developer for Berlin-based startups in the field. I have kept my passion for programming and enjoy hands-on development jobs. In my spare time I organise networking events around sustainability with my charity GreenBuzz Berlin e.V. and its global partner organisation.

Recent Projects

Chat / Networking App (6 Months)

Greenfield chat / networking app to send paid messages to influencers for a NodeJS REST API. We started off with a React Web-application and pivoted to a React-Native later.

Tools: React, React-Native (react-navigation, redux, thunk, reselect)

Team: 2 design, 2 fronted, 1 backend

Tutoring App (4 Months)

App to support tutors posing tasks to their students connected to a tutor online booking system. I also supported hiring and funding round preparation.

Tools: React-Native (react-navigation, redux, thunk, fastlane)

Team: 1 design, 1 fronted, 1 backend

Technology Evaluation and Selection (3 Months)

Analyses of customer portal for a large German energy provider to create technology recommendation and roadmap for migration and future implementation. POC development.

Tools: Angular, Site-Core

React JS Training (1 Month)

ReactJS training for junior Javascript developer at a German insurance provider.

Goal-Setting App (6 Months)

App to set goals and intentions on a regular basis.

Tools: React-Native

Team: 1 design, 1 fronted

Interims CTO at Smart Home Startup (6 Months)

Recruiting and training development team for a well-funded smart home startup, building a heating control system.

Tools: React-Native, Scala, AWS, C++, Circle CI

Team: 3 fronted, 2 backend, 2 hardware / firmware

Experience

Freelance Developer, Consultant and Mentor (since 04/2017) (IT & Startup Consulting)

Consulting & mentoring for technology, product management, due diligences, Agile development, team building, company culture.

Developing mobile apps with React-Native + Redux as well as JS AWS Cognito + Lambda functions and Serverless deployment.

GreenBuzz e.V. (since 01/2014)

(Founder & Volunteering)

Founder and vice-president of GreenBuzz Global and GreenBuzz Berlin e.V., founding and development of a charitable association, organising networking events around sustainability with 15 volunteer members and a community of around 3000 people in Berlin

smartB Energy Management GmbH (01/2014 – 04/2017)

(Startup, Subsidiary of yetu AG)

CTO and managing director, 30 employees, building and leading the development team from 0 to 15 developers, introducing SCRUM, Kanban and DevOps, continuous delivery, coordination of external partners for hardware development and research, tech strategy, investment and funding rounds.

Stack: Python, AngularJS, AWS, Jenkins

yetu AG (10/2012 – 12/2013)

(Startup)

Chief Developer, product development, building and leading the development team from 1 to 22 developers, introducing SCRUM, technology selection and definition of technical architecture, project management

Stack: Java, AngularJS, Jenkins

International Experience (09/2010 – 07/2012)

Freelance web-development, volunteering und sustainability research, English teacher, reviewer and co-author, advising phd students

DAI-Labor, Technical University of Berlin (01/2003 – 08/2010)

(University / Research)

Co-director of competence center Next Generation Services (22 employees), responsible for scientific research direction and project development, author and co-author of >30 publications; before 2009 student and scientific assistant, programming, grant applications and coordination of research projects, reviewer for scientific journals and conferences, organisation of conferences and workshops and 9 month project at Sun Microsystems (CA)

Education

Doctorate, Technical University of Berlin (2005 – 2009)

PhD thesis: „Multimodal Interaction in Smart Environments: A Model-based Runtime System for Ubiquitous User Interfaces“ with honors

Diploma/Master, Technische Universität Berlin (2000 – 2005)

Diploma (master) in computer science with honors

Tools & Technologies

React-Native, JavaScript, Java, HTML/CSS, Python, Scala, AngularJS, AWS, CircleCI, Jenkins, Travis, git, terraform, CloudWatch, New Relic, Circonus, Sentry, Google Analytics, Segment, JIRA, PivotalTracker, Trello, Sketch, InVision, Zeppelin and more.

Soft Skills

Agile, leadership and management experience, team player, goal-oriented and focussed, fast grasp, life-long learning and problem solving attitude, communication and negotiation competency, high flexibility and ability to deliver under pressure

Other

Photography, skiing, mountain biking, climbing, wakeboarding, surfing, diving, travelling