Xiao Liu

Full Stack Javascript Developer

📞 +49 17680837305   🔗 www.linkedin.com/in/liuxiao5248

✉ Liuxiao5248@hotmail.com   aboutxiaoliu.herokuapp.com/

English (Full Professional)
German (Daily Communication)
Chinese (Native)

Education

SPICED Academy
Full Stack Web Development
(2018 - 2018)

Karlsruhe Institute of
Technology (KIT)
Mechanical Engineering
(2014 - 2017)

UstA German language school
C1 Niveau, Deutsch
(2012 – 2013)

Tsinghua University
B.S, Mechanical Engineering
(2008 - 2012)

Skills

Html5, CSS3,
JavaScript, React,
Node.js, SQL,
Redux, Jest,
jQuery, three.js;
Python, Julia

Work Experience

Lition Energie GmbH
Full Stack Developer
November 2019 - Present

Lition is a licensed energy supplier that use blockchain-based peer-to-peer trading to connect consumers with green energy producers.
I am work in an agile development team with the development and maintenance of www.lition.de (frontend, backend), including:

- End-to-end development of new features
- Automated test and visual regression test
- End-to-end testing with continuous integration
- Backend and SQL database integration via REST-API

Stack: React, Node.js, Next.js, Jest, SQL, Headless CMS.
Tools: Google Cloud API services, Azure Cloud, Jira, Bitbucket, percy.

Industrial Analytics GmbH Berlin
IoT Developer
February 2019 – October 2019

- DOMO Plantwalk project. Dashboard development: UI design, frontend desktop app and mock-up backend with CoachDB.
- Comparison tests for communication protocols with combinations of servers & clients in Python, C (Open62541), Julia. Network traffic and hardware performance analysis.
- Avicomp gateway project: Data transformation between data source and opu-ua python server/client, data cleaning and restructure.

Stack: React, Node.js, CoachDB, Network protocols(opc-ua, mqtt, udp).

Personal Projects

- https://etang.de and https://dashboard.etang.de, online shopping website and the salesmen's portal for it. It is based on an open source project saleor(python backend and typescript react frontend). I deployed it in digital ocean using kubernetes/docker, and data in AWS s3.