KIHUN KIM

INTRODUCTION

I'm a developer who builds services and functions that help people live a more convenient and flexible life through software. Furthermore, the most ideal developer I think is who solves business problems and suggests the best reasonable solution, not just writing code.

CONTACTS

Email: deutschkihun@gmail.com
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Github: https://github.com/deutschkihun

TECH STACKS

- Frontend
  - JavaScript, TypeScript, React, Redux, Redux Toolkit, HTML, CSS, Styled-component, Webpack, Babel, bootstrape

- Backend
  - Node.js, Express.js, NoSQL(MongoDB), REST

- Data Visualization / WebGL
  - d3.js, three.js

EDUCATION

2017 - 2021

Karlsruher Institut für Technologie (KIT)
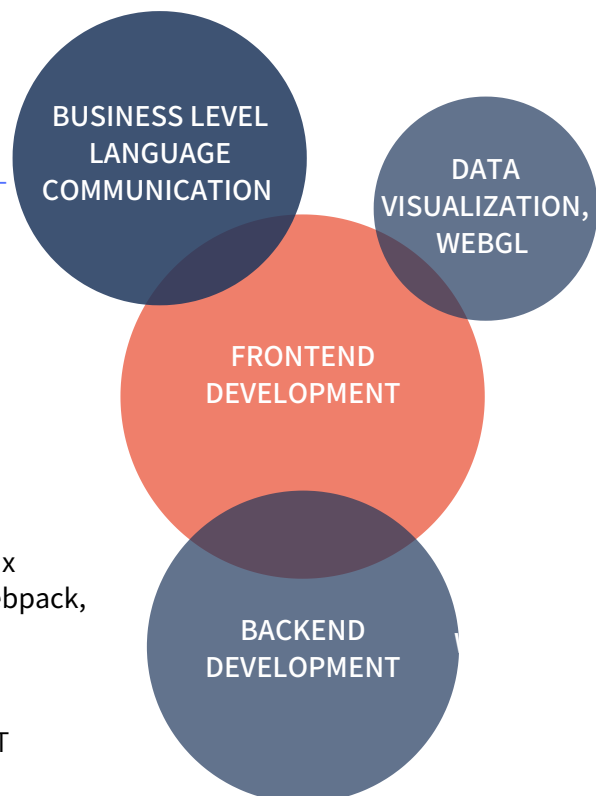Bachelor of Science Industiral engineering (Wirtschaftsingenieurwesen)

2020

TensorFlow Developer Certificate
By Google / TensorFlow Team

MAIN COMPETENCIES

BUSINESS LEVEL LANGUAGE COMMUNICATION

DATA VISUALIZATION, WEBGL

FRONTEND DEVELOPMENT

BACKEND DEVELOPMENT

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EXPERIENCES

Junior Frontend engineer
PACE Telematics | Germany | 07 - 09 2021 (part-time), 10.2021 - present (full-time)

- PWA & WebApp for Pace Drive Mobile application
- Development sector
  - Fueling system application development for mobile app environment
  - Payment application development for mobile app environment
  - Gas station real-time price list and opening hour information service development
  - Fuel-station-finder-app, friend-referral-app development
  - Quality Assurance
- Main achievement
  - Improvement of payment service application
    - Adding prepaid card payment method , favorite payment method selection
    - User data analysis by building event logging in payment service
    - Constructing responsive UI component for payment service
  - Improvement of fueling service application
    - Building A/B testing through remote config for user friendly UI component.
    - Optimizing web application performance by minimizing backend approaching
  - Improvement of fuel station finder application
    - Rending gas station with marker, filtering function and real-time price function on the map using Mapbox API
- Learning point
  - Importance of clear communication with backend-developer and product owner
  - Customer feedback-driven service development
  - Practical experience of debugging, Performance, testing, pwa-monorepo
  - Responsive web UI development

Frotnend engineer
Vayu-Software | Germany | 12.20220 - 05.2021 (internship, full-time)

- Low-code platform development
  - Developing a platform that provides tools and system that non-developers can build their own application without writing a single line of code, just clicking, selecting and dragging.
- Learning point
  - Practical experience of typescript, react
  - Decision-making engagement and leading development experience in start-up

Data warehouse manager
dmTECH | Germany | 11.2019 - 03.2021 (part-time)

- Manage all receipt data from dm drogerie stores across Germany and east Europe countries
- Data Warehouse error reporting by using sql query

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PROJECTS

D3-react-exhibition
Data visualization web application

- Providing various visualization technologies such as line chart, bar chart, svg, and interactive chart using React framework and d3.js
- Providing different filtering option for categories and difficulty, and search box.
- **Learning point**
  - A general understanding of data visualization
  - Combining d3 and react in browser environment

LUXE SCHMUCK
Luxury product e-commerce platform

- e-commerce platform that sells luxury products developed using TypeScript and React.
- Fullstack application developed based on the redux state-management library
  - Providing user account registration, login, logout, administrator account
  - Managing user account product registration, deletion, and modification by admin account
  - Providing product details function, review registration, and shopping basket function for users
- **Learning point**:
  - Practical experience of using redux & redux toolkit

Login boilerplate
login system web application

- Boilerplate provides login & out, information modification, ID & PW finding and changing functions
- **Learning point**:
  - Understanding Authorization, Authentication, token, session

Sport Database Application
open source API

- Web application using The Sport DB open source API
- Search for sports players in various fields (ex. football, baseball, basketball, golf, wrestling...)
- View real-time results of the competition and provide highlights videos

API development
REST API

- **Query API**
  - Querying API using 500 random data
- **Online-Shop baseline API**
- Baseline API and testing documentation for the development of e-commerce shopping malls
- **Learning point**
  - How to design and Implement REST API

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