KHABEBULLOEV ABUBAKR

Full-stack web developer

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EDUCATION

Dongseo University, Bachelor's degree — *Computer engineering*

📅 September 2016 - June 2020   📍 Busan S.Korea

SKILLS

Typescript, Javascript, Python, Node.Js, React, ReactNative, Websockets, Redis, HTML, CSS, MySQL, MariDb, Express, Django, Mui, Mantine, Vercel, AWS EC2, Jenkins, Git, Bitbucket, Ubuntu, ReactQuery, Zustand

PROFESSIONAL EXPERIENCE

ZEROWEB ((주)제로웹), *Full Stack Developer*

📅 August 2020 - PRESENT   📍 Busan, S.Korea

- Developed dashboard for testing various sensors like Realstep AP, IR door sensor, 3D camera people counting sensor etc.
- Developed Algorithms to clean up raw data from sensors like Random mac filtering, Distributing People counting for each floor etc.
- Designed and Developed 5+ Databases for various projects
- Developed 7+ Backend services for various projects
- Developed 3+ Frontend projects from dashboards to landing pages

PROJECTS

Bell— 벨 Metacare platform for seniors

📅 2023.02 - PRESENT

- Designed and developed 72 database tables on MariaDB and 150+ api endpoints for admin, mobile, and sensor data. Created user/sensor data tools with custom algorithms for the big data team
- Techs: TypeScript, NodeJS, MariaDB, Ubuntu, Socket.IO, Bitbucket, Git, Sequelize, Redis

Subway navigation – 지하철 내비게이션

📅 2022.04 - PRESENT

- Developed pathfinding algorithms using the A* (A star algorithm) for subway indoor navigation. The algorithm caters to different user types (Normal, Elderly, Disabled, Blind), providing the shortest path for normal users and specialized paths for elderly and disabled users utilizing elevators.
- Developed a full scale dashboard for controlling data subway organization and stations data.
- Techs: TypeScript, NodeJS, MariaDB, React, ReactNative, Ubuntu, Bitbucket, Git, Sequelize, Postman, ThreeJS

Research and Development Projects

📅 2020.08 - PRESENT

- Developed 10+ dashboard and api services for testing various sensors like Realstep AP, IR door sensor, 3D camera people counting sensor etc. Developed Patent LORa population measurement wireless device
- Developed Metasafe Smart city platform which successfully which successfully passed TTA requirements
- Developed GS 인증 1 등급 (소프트웨어품질인증의 최고등급) successfully passed GS requirements