Oğuzhan SARI

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SKILLS

JavaScript, TypeScript, React, Node.js, Express, NestJs, MongoDB, Linux, PHP, MySQL, Git

EXPERIENCE

Software Development Engineer | **Orion Innovation Turkey**   March 2021- Present
- Added new features to the Telecom product which serves millions of users.
- Fixed critical financial report bugs and prevented the company from losing money. [*Awaiting Deletion Feature*]
- Fixed critical resource issue in a crowded site of UCaaS solution product which resulted with both customer satisfaction since we were able to answer their aggressive growth process also our company saved money due to 60% resource decrease. [*Default Domains Feature*]
- Led the comprehensive development of CDR features, covering full-stack responsibilities with Next.js and NestJS frameworks, while also implementing PostgreSQL optimizations. [*Call Detail Recording Feature*]
- Resolved performance issues arising from inefficiencies within the microservices environment.
- Rectified Keycloak authentication problems with an external SAML identity provider.

Software Development Engineer | **Netaş**   August 2020 - March 2021
- Used MySQL as a database and PHP for the backend.
- Added new feature to collect SIP registration messages faster. Transitioned into ClickHouse column-oriented DBMS queries instead of old SIP service. Request speed increased 40% and status experience increased dramatically.

Systems Engineer [ASMGCS] | **Cengiz & Saab J.V.**   June 2017 - August 2020
- Installation and maintenance of SMRs, MLATs, Linux servers and workstations on ATC tower in Istanbul New Airport
- 3rd party interface connections, switch configurations, setting VLANs and ports, routes, TCP/IP and UDP connections.

PROJECTS

Node Express Exercise Projects | GitHub | JavaScript, NodeJS, Express, MongoDB
- Jobster API: includes mongo aggregations & Swagger API documentation & rate limiter etc.
- File Upload: image upload & cloudinary & multer
- Send Email: mock email sending with SENDGRID & nodemailer
- Stripe Payment: Stripe payments controller etc.
- E-commerce API: mongo, JWT authentication & basket double-check with help of mongo virtuals
- Authentication Workflow: middleware for authentication and authorization
- Task Manager: express route & middleware structure

Booking Application – AirBnB clone | **GitHub** | JavaScript, NodeJS, Express, MongoDB, tailwindCSS
- Built with Node.js/Express, MongoDB, and native MongoDB driver for efficient server-database communication.
- Followed the Controller, Service, Repository pattern to keep maintaining the code simple.
- Implemented session based custom authentication system for users to login and register. Encrypted password with bcrypt to ensure user security. Users can do authenticated requests by passing session header to request.
- Login Logout functionality
- Photo add support for both local upload & providing via img address.

Jobster API | **GitHub** | JavaScript, NodeJS, Express, MongoDB, tailwindCSS
- API documentation provided via Swagger UI
- Added API rate limiter.
- Create mock data with help from mockaroo and populated with a script.
- Integrated security packages like: xss-clean, helmet, etc.

EDUCATION

Istanbul Technical University | Bachelor of Science - Electronics Engineering | GPA: 3.651