

# SEMIH KUTLU

## FULLSTACK DEVELOPER

### CONTACT INFO

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**GitHub** : [www.github.com/semiheimer](https://www.github.com/semiheimer)

**Address** : Ankara, Turkey

**Portfolio** : [semihkutlu.com](https://semihkutlu.com)

### SUMMARY

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A full-stack developer with 3+ years of experience in web development and holding a Master's Degree in Computer engineering. Also having a strong foundation in software design, algorithms, and problem-solving abilities from 12 years of experience in Geophysics engineering. Achieved proficiency in HTML, CSS, JavaScript, ReactJs, NextJs, and React Native, as well as expertise in Node.js, Express, PostgreSQL, and NoSQL.

Through front-end development experience, increased website speed performance by 20% and also user experience significantly. Effectively utilized Git and GitHub, enabling collaboration with cross-functional teams of designers and back-end developers. Throughout a 1+ years professional experience, consistently demonstrated a collaborative approach, resulting in a remarkable 15% increase in user engagement and customer satisfaction.

### WORK EXPERIENCE

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**Bufi Teknoloji A.Ş, Ankara, Turkey (On-site)**

June 2022 – August 2023

#### Front End Developer

- Worked in a team of 8 members and developed frontend applications, spearheading the development of responsive designs for multiple websites, achieving an impressive 50% decrease of user complaints through the implementation of user-friendly interfaces. Utilized cutting-edge React technology to optimize efficiency and automate key processes in B2B payment and point of sale (POS) systems.
- Proficient in leveraging a wide range of advanced technologies such as ReactJS, Next.js, SWR, React Router, Redux, Rest API, Ant Design, Bootstrap, Material UI, and Tailwind to drive exceptional results.
- Fostered close collaboration with UX designers to design and create intuitive user interfaces, resulting in a remarkable 50% reduction in user complaints.
- Additionally, a proven track record has been established in issue identification and resolution, leading to a 30% reduction of page load time

**Mineral Research and Exploration (MTA), Ankara, Turkey**

March 2004-September 2016

#### Geophysical Engineer

- Collaborated effectively with a 2D seismic reflection data acquisition team, leveraging strong communication skills to ensure clear and efficient exchange of ideas and information, and applying advanced geophysical methodologies to process collected seismic data, ensuring precise outcomes and high-quality results.
- Applied problem-solving skills to optimize data processing and enhance algorithmic efficiency, demonstrating strong time management to consistently deliver on schedule and meet project deadlines.

## TECHNICAL SKILLS

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Programming Languages: TypeScript, JavaScript, ES6, OOP

Frontend: HTML, React.js, Next.js, React Native, SWR, Jest

Backend: Node.js, Express.js, EJS (Embedded JavaScript), GraphQL, Jest, RESTful API Design, Microservices Architecture, Authentication, Authorization, Validation, Error Handling

Styling: CSS, SASS, Ant Design, Bootstrap, MaterialUI, Tailwind CSS, Styled Components

Database: SQL, NoSQL, PostgreSQL, Mongoose, Sequelise

Deployment & Orchestration: Docker, Kubernetes, Google Cloud

## SOFT SKILLS

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Analytical Thinking | Problem-Solving | Strong Communication | Time Management | Adaptability | Collaboration & Teamwork | Curiosity | Creativity.

## PROJECTS

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- **Blog App (Express & Embedded JavaScript):** In this project, it is aimed to create blog posts using Express.js & EJS (Embedded JavaScript), featuring server-side rendering for a dynamic and user-friendly platform dedicated to creating and managing blog posts as backend and display them on the dashboard. Basic CRUD operations can be done. In the project, MongoDB database was used for storing data, bootstrap library for styling. Leveraging the capabilities of EJS templates, the application seamlessly integrates server-side rendering to dynamically generate content and incorporate it into HTML, ensuring a smooth and efficient blogging experience.

Tech Stack: JavaScript, Express.js, EJS (Embedded JavaScript), Bootstrap, Jsonwebtoken, MongoDB, Mongoose, Redoc, Swagger, Winston, Morgan, Pagination

- **StockApp (Express & React.js & MongoDB):** is an online single page web application that enables you to manage orders and inventory with ability to get, add, edit, or delete products, firms, brands, sales, and purchases. Technical Stack; HTML, CSS, JavaScript, React, and Material.UI in frontend, Express.js for CRUD operations and authentication-authorization in backend and React context and Redux Toolkit for state management.

Tech: Javascript, React.js, Express.js, Material.UI, JSW, Redux, Mongoose, Redoc, Swagger, Morgan

- **React Native & Mobile Job Seeker :** The goal of this project is to develop a mobile application where users can search for jobs. Rapid API is utilized for job searches.

## EDUCATION

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- **Akhmet Yassawi University, , Ankara, Turkey** September 2011-June 2013  
Computer engineering, Master Degree
- English Preparatory Program METU September 2003-June 2004
- **Karadeniz Technical University, Trabzon, Turkey** September 1997-July 2001  
Geophysical Engineering, Bachelor's Degree

## LANGUAGES

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Turkish : Native    English : Intermediate