**Skills** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• Java | Spring Boot | JavaScript | TypeScript | MSSQL | Node.js | Express.js | React | Redux | Angular| Next.js| Docker | Redis  
• AWS| Nginx | IIS |Microservices | Frontend | Backend | Full-Stack | NoSQL | English, Turkish – *All professional proficiency or above*

**Experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Full-Stack Developer** |  | [**Innova**](https://www.innova.com.tr/en/home) | *Ankara, Türkiye* | **03/2022 - Current** |
| --- | --- | --- | --- | --- |
| **ITOOLS 04/2022 – 01/2023** |  |  |  |  |
| [Live](https://www.itools.com.tr) |  [GitHub](https://github.com/Aligorithm-97/Itools-Alt-Yuklenici-Is-Hakedis-Modulu) |  |  |  |  |

• Delivered **ITOOLS**, a comprehensive full-stack web application, in January 2023 after 9 months of solo development. The application was designed to streamline subcontractor progress payments, replacing outdated Excel-based workflows, and provides secure data storage with a robust tracking system.

• Built with **React (frontend)**, **Express.js (backend)**, **IIS**, and **SQL Server (database)**, utilizing a **JWT** refresh token mechanism and interceptors to generate a new token every 10 minutes, thereby enhancing system security and ensuring seamless authentication.

• Managed payments exceeding **$2 million**, streamlining financial operations with improved accuracy.

• Successfully adopted by users: Since its launch in January 2023, ITOOLS has been actively used by over 100 daily users.

| **ITTS 09/2023 –** |  |
| --- | --- |
| [Live](https://itts.itoolsinnova.com/) |  [GitHub](https://github.com/Aligorithm-97/ITTS) |  |

• Built and deployed a scalable system integrating **React**, **Spring Boot**, **Nginx**, **Docker**, **Redis**, and **SQL Server**, automating subcontractor offer evaluation and **reducing Excel usage by 95%**.

• Automated subcontractors offer evaluation, replacing manual Excel-based workflows, resulting in increased operational efficiency and reduced errors.

• Resolved **N+1 Query Problem** through optimized join queries and lazy loading, reducing database load and query execution number by **80%**.

• Orchestrated the deployment of ITTS using 3 Docker containers and **Nginx**, managing the entire deployment process. Collaborated with the company's IT team to resolve port conflicts and ensure seamless communication across services, configuring Docker networking for optimal performance.

• Enhanced user experience with **Redis caching**, significantly improving application response times and task efficiency.

| **Software Engineer, Intern** |  | [**Netas**](https://netas.com.tr/?lang=en) | *Ankara, Türkiye* | **07/2019 - 08/2019** |
| --- | --- | --- | --- | --- |

• Contributed to the MEB Smart Board Payment System (Fatih Project) as a Full Stack Developer in a team of 5 interns and 1 lead engineer, creating a web interface to streamline payments and meet Ministry of National Education goals.

**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Bachelor of Science** |  | [**ATILIM University**](https://www.atilim.edu.tr/en) | *Ankara, Türkiye* | **08/2016 - 01/2022** |
| --- | --- | --- | --- | --- |

• Bachelor’s Degree in **Information Systems Engineering**

**Projects** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• Designed [**Spring Boot Advanced Starter Pack**](https://github.com/Aligorithm-97/SpringBootAdvancedStarterPack)with pre-configured integrations, including databaseconnections, SpringSecuritywithJWT(refresh token mechanism), email services, and Aspect-Oriented Programming (AOP) for logging. The starter pack will be available as a Maven/Gradle dependency in 2025, significantly accelerating development and enabling developers to quickly adapt projects with minimal configuration adjustments.

• Engineered [**VoiceSpace**](https://voicechannel.online/), a real-time voice communication platform enabling users to join virtual rooms, collaborate, and communicate seamlessly. Optimized the system to deliver low-latency audio streaming, achieving an average delay of **less than 100ms**, ensuring a smooth and responsive user experience.

• Created [**GluteNot**](https://github.com/Aligorithm-97/GluteNot), a platform for gluten-free diet users to easily search and discover gluten-free products. I’m still developing the platform and plan to deploy it on AWS EC2 in 2025 for scalability and reliability.