

Bilgekaan Berberoglu

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SUMMARY

Versatile and driven frontend developer specializing in Next.js and React.js, dedicated to conceptualizing and implementing innovative projects that enhance user experiences. Committed to continuous learning and professional growth, I possess a strong foundation in web development and a passion for creating dynamic, user-friendly solutions.

EXPERIENCE

Front End Developer

Freelance

August 2024 - November 2024

Created form components using Zod and React Hook Form for efficient and reliable form validation, and helped a senior developer, develop a drag-and-drop table using custom components built from scratch to enhance user interaction and data management.

Junior Trader

Alaric Securities

09/2022 - 03/2023, Istanbul

Managed a portfolio in fixed income securities, Utilized my personally crafted stock selection criteria, implemented in Python, to identify and capitalize on hedge and arbitrage opportunities.

Collaborated with senior traders to build our own algorithmic trading bots..

PROJECTS

My CV Website

Created a CV website using Next.js to showcase my personal projects, leveraging server-side rendering to enhance loading speed and SEO performance.

Automated Stock Selection with Python

Developed and implemented a proprietary script using Python for automated analysis of stocks in the Bond market, which increased portfolio returns by %4 and reduced manual analysis time.

Streamlined the process by automating tasks using Excel, enhancing efficiency and analytical capabilities..

Volatility Indicator

Developed an advanced volatility indicator in Python, leveraging TradingView's Pine Script v4 to integrate historical data analysis, refine stock filtering processes, and enhance breakout strategies for improved trading performance.

Automated Box Sorting with Image Processing

Developed an automated box sorting system utilizing Python and OpenCV, enhancing accuracy in product measurement and sorting speed which streamlined inventory processes.

EDUCATION

Mechatronics Engineering

Yildiz Technical University • 2025 • 2.95

Hüseyin Avni Sözen High School • 06/2019

Bilfen Atasehir Primary School • 06/2014

SKILLS

Next.js, React, JavaScript, Tanstack, Zustand, HTML, CSS, Tailwind, Drizzle ORM , Hono.js, Git/Github

English, Turkish