Berat Emre Nebioğlu

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Full Stack Developer

LinkedIn https://www.linkedin.com/in/berat-emre-nebioğlu-08a58113/
Website https://spinningcat.github.io/Visuality/
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CONTACT ADDRESS

Şehremini Neighborhood, Ziya Gökalp Street, Eren Apartment 70/10, Çapa - İstanbul

BIO

I am a full-stack software developer. I use Vanilla JavaScript and ReactJS for frontend. For backend, Node.js (Express) and Next.js (TypeScript), and also I used ASP.NET Core. For data analysis, I used Python. I have experience with NumPy, Pandas, Matplotlib, and Scikit-learn. For converting apps to mobile, I used CapacitorJS, and for desktop, ElectronJS. I am also familiar with Agile, scrum and its rituals.

EDUCATION

- 2011-2012: Intrax Language School, San Francisco, USA

- 2002-2009: Istanbul Bilgi University, Turkey
    - Department: Science, Literature Faculty - Computer Science
    - Thesis: Mathematical Approach in Control Theory

WORK EXPERIANCE

- **Programming.Team- UI/UX Expert**

- June 2025 - Current

- Freelance

Brief Explanation: Programming.Team is a cutting-edge application designed to help job seekers create tailored resumes optimized for specific job descriptions. Leveraging the power of artificial intelligence, our tool analyzes job postings and suggests personalized improvements to your resume, ensuring it stands out to recruiters and applicant tracking systems (ATS).
Techs: Blazor Server App., MudBlazor, Css, Frontend Design, Frontend Developöemt. UI, UX

- **SporYap - Full Stack Developer**

- 2024 - 2025

- Freelance

Brief Explanation: The "Spor Yap" application is a platform that aims to bring together trainers, amateur and professional athletes, and sports venues across 81 sports fields on an event basis, and facilitates the management of all stages.
Techs: NodeJS, Python, PostgreSQL,ASP.MVC, Javascript, ReactJS, Ubuntu (for server work such as deploy and maintain)

- **Studio Yazılım - Full Stack Developer**

- 2024- 2025

Brief Explanation: Developing software with .net 8, c#, blazor server app., asp.net mvc, entity framework, dapper. I work for Doğan Holding 4 months.
Techs: NodeJS, Python, PostgreSQL,ASP.MVC, Javascript, ReactJS, Ubuntu (for server work such as deploy and maintain)

- **Full Stack Developer**

- 2023- 2024

- Freelance

Brief Explanation: Developing web car website
Techs: Nodejs, Prisma ORM, RabbitMQ, WebSockets, Postgresql and Docker, Vanilla Javascript, ReactJS

- **Yopaat (2022 - 2023) - Full Stack Developer**

- 2022- 2023

Brief Explanation: Implementing systems using technologies such as Node.js, React.js, PostgreSQL Pyth
Techs: Node.js, React.js, PostgreSQL **Key Achivements and Responsabilities**

- Designed and implemented a Stripe payment system using Node.js.

- Developed a robust CRUD API with Node.js, leveraging the Sequelize.js ORM library.

- Collaborated with OpenAI, applying their technologies to achieve valuable outcomes.

- Created a user-friendly frontend using React.js and Tailwind CSS.

- Conducted web data crawling using Python and the Selenium library for data extraction.

- **Intertech - RPA Developer**

- 2021- 2022

Brief Explanation: Implementing banking processes using robotic automation to mimic human behavior.
Techs: UIPath

- **Adesso - Turkey**

- 2019- 2021

- Department: Research and Development

- Position: Research and Development Analyst

- Project: Image Quality Assestment

Brief Explanation: This project encompassed multiple phases, each with its set of responsibilities. Initially, I utilized Magick.NET to quantify image metrics. Magick.NET is an implementation of ImageMagick in C#. As the project progressed, I transitioned to Python to execute data operations encompassing machine learning, deep learning, and artificial intelligence. Alongside my team, we developed a machine learning model for image quality assessment. Additionally, I conducted web crawling to extract data from real estate websites.
Techs: C#, Python, Matlab (I converted Matlab code to Python) **Libraries:** Pandas, NumPy, scikit-learn, TensorFlow, OpenCV, ImageMagick (command line and c# lib)

- Remax (Backend Developer)

- Duration - First two months

Brief Explanation: While at Adesso – Turkey, we developed software to manage the operations of Remax's Turkish franchise. I was part of a 20-member team and collaborated closely with backend developers, frontend developers, testers, and business analysts. The project followed agile principles with a scrum methodology. In this role, my responsibilities included completing user stories and ensuring the integrity of the modules, given that the project was designed as microservices. **Techs:** C#, MSSQL Server, ASP.NET MVC Core, MongoDB, Kibana, Mongo compass

- **Ceiba Tele ICU - Full Stack Developer**

- 2018- 2019

Projects

- Versioning System

Brief Explanation: I spearheaded the creation of a project within Asana known as the "Version Archive." This system played a crucial role in our module deployments and fixes. I allowed us to systematically gather all developments under specific versions. With this system, we had the ability to closely monitor our progress, understand our current status, and keep track of all our ongoing work

- Bug Tracking System

Brief Explanation: I developed a web-based bug tracking system using agile methodology, integrated into Asana. This system provided a centralized hub for identifying, documenting, and resolving software defects and issues, ensuring that our software remained reliable and efficient.

- Service Application

Brief Explanation: In a bid to facilitate seamless communication between mobile devices and our server, I created a Web API service. This service employed a range of HTTP methods, including POST, GET, PUT, DELETE, and PATCH. It played a pivotal role in ensuring the smooth functioning of our systems. **Techs:** HTML, CSS, JavaScript, jQuery, C#, MSSQL Server, ASP.NET MVC

- Camera Application

Brief Explanation: I successfully implemented a camera streaming system, making it accessible via the internet. I also designed an intuitive web interface that allowed users to view patient information alongside the camera feed. This project improved real-time patient monitoring. **Techs:** HTML, CSS, JavaScript, jQuery, vlc, windows command line, RTSP stream

- Manuel Data Entry

Brief Explanation: To enhance data management and provide a contingency for any potential malfunctions in the Intensive Care Unit (ICU) machine integration, I developed a manual data entry application. This application allowed users to manually input data,ensuring the uninterrupted flow of essential information. **Techs:** HTML, CSS, JavaScript, jQuery, C#, MSSQL Server, ASP.NET MVC (Core)

- Mobile App. - Backend

Brief Explanation: Mobile app was written that has appropriate interfaces to observe patients in mobile app. **Techs:** C#, Asp.net web api, Ubuntu (server work), PostgreSQL

- SAPS (Simplified Acute Physiology Score) Module

Brief Explanation: The SAPS module focused on assessing the critical indicators of ICU patients, including blood pressure and other vital signs. It calculated a score based on these indicators, aiding in patient evaluation and care.
Techs: HTML, CSS, JavaScript, jQuery, C#, MSSQL Server, ASP.NET MVC (Core)

- SOFA/QSOFA (Sequential Organ Failure Assessment) Module

Brief Explanation: The SOFA/QSOFA application aimed to systematically evaluate the organ function of ICU patients on a regular basis. This scoring system played a vital role in measuring organ failure. Users could either calculate scores manually or rely on the system's automatic scoring, performed twice daily.
Techs: HTML, CSS, JavaScript, jQuery, C#, MSSQL Server, ASP.NET MVC (Core)

- **Akbank - Software Developer && Operation Expert**

- 2014- 2017

- Information Technology && Technical Support

Projects

- System Monitoring and Reporting

Brief Explanation: This project focused on storing critical information into the database after executing web requests and collecting relevant web responses. It aimed to provide essential reports to the relevant departments.
Tech: C#, MSSQL Server, ASP.NET, HTML, CSS, JavaScript, jQuery

- Person on Duty Project

Brief Explanation: Akbank operates 24/7, making it essential to have personnel assigned to monitor the system continuously and promptly report any issues to the relevant departments. To facilitate this, I developed the "Person on Duty" project. It offers a user- friendly interface for personnel to perform their duties seamlessl.
Tech: HTML, CSS, JavaScript, jQuery

- **Varlık Makina Industry Company Limited**

- 2014- 2014

- Information Technology

- Software Developer

Projects

- Project: Passport Tracking Software

Brief Explanation: Varlık Makina Industry Company Limited is involved in exporting a wide variety of products and dispatches employees to foreign countries for specific durations. As part of their responsibilities, they manage passport renewals and visa tracking. I developed the Passport Tracking Software to streamline this process and provide timely notifications to the company regarding passport and visa matters..
Tech: HTML, CSS, JavaScript, PHP, Mysql

SKILLS

Languages && Frameworks && Tools

NodeJS, PHP, ASP.NET, HTML, JavaScript, jQuery, CSS, C#, Java, Racket, C++, Python, ReactJS, Go, LaTeX, R, ElectronJS, Unity, React-Native, MATLAB, Selenium, VueJS, Bash, Elasticsearch, .NET 9, .NET Core, Microservices, Fluent Validation, nLog, Blazor Server App., MudBlazor, Tailwind

Database Systems

SQL Server, MySQL, MSSQL, PostgreSQL, MongoDB, DynamoDB, MariaDB, Sqllite

Applications

MATLAB, Eclipse, R, MongoDB Compass, Kibana

Web Servers

Apache, Nginx, IIS, Kestrel

Operating Systems

Windows, Linux (Ubuntu, Debian, CentOS)

VOLUNTEER WORK

- Castro Courier Newspaper, San Francisco (2011 - 2012)

- Zero Net Energy Working Group, San Francisco (2011 - 2012)

LANGUAGE

- English - Advanced

- Turkish - Native

- German - Beginner

REFERENCES

1. Adesso
   - Cengiz Gezer
   - R&D Department Manager
   - 0549 297 15 73
   - Cengiz.Gezer@adesso.com.tr

2. Ceiba Tele ICU
   - Fikret Özgün
   - Software Manager
   - 0549 580 80 12

3. Akbank

- Namık Çatalsakal
- System Management and Storing Data Manager
- 0532 568 73 82
- ncatalsakal@gmail.com

ACTIVITIES

- Blues Association member @Istanbul
- Player, Bilgi Hunters (American Football Team) 2004-2005
- Member, Rock Club University: Istanbul Bilgi University 2002-2009
- Playing Drums since 2003

ADDITIONAL

- My Book Website
  - https://spinningcat.github.io/bookgrokkingwebsite.io/
- Digital Exhibition
  - https://berat.cloud.mech.cx/digitalexhibition/
- Photo Project
  - http://berat.cloud.mech.cx/photo-project/
- Pure Photography
  - https://berat.cloud.mech.cx/purephotography/
- Writing Project
  - https://berat.cloud.mech.cx/write-project/