Berat Emre Nebiolu
Senior Full-Stack Developer

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in LinkedIn   ⬡ GitHub   🌐 Portfolio

Professional Summary

Senior Full-Stack Developer with 10+ years building scalable web and backend systems, automation pipelines, and ML-enabled tooling. Expert in C#, .NET, Node.js, NestJS and React, NextJS; experienced in productionising Python data/ML pipelines. Focus: shipping maintainable systems, automating manual workflows, and improving product metrics (performance, reliability, time saved).

Technical Skills

Languages / Runtime: C#, JavaScript / TypeScript, Python, Go, Java
Frontend: React, NextJS, Blazor SSR, Vue.js, HTML5, CSS3, Vanilla JavaScript, jQuery, SCSS
Backend / Frameworks: .NET (Core / 6 / 8), ASP.NET Web API, ASP.NET MVC, Node.js (Express, Nest.js), Spring Boot, Vanilla PHP, Laravel, Python, Django
Databases: PostgreSQL, MySQL, MSSQL, MongoDB, Redis, SQLite, DynamoDB
Data & ML: NumPy, Pandas, scikit-learn, TensorFlow, Keras, OpenCV, Selenium
DevOps & Tools: Docker, Nginx, Ubuntu/Debian, Git, GitHub Actions / GitLab CI, RabbitMQ, Kafka, Redis
ORMs & Libraries: Entity Framework, Dapper, Sequelize, Prisma, Mongoose

Work Experience

UI/UX Expert (Freelance)   06/2025 − Present
Programming.Team   Remote

- Leading frontend design and development for an AI-powered CV optimization platform using Blazor Server and MudBlazor.
- Implemented key UX flows and user testing; reduced average resume review time by [value to fill].
- Coordinating with backend/ML teams to integrate scoring endpoints and CV parsing APIs.

Full-Stack Developer (Freelance)   2024 − 2025
SporYap   Istanbul / Remote

- Built a sports event management platform (Node.js, PostgreSQL, React) enabling multi-venue bookings and trainer scheduling.
- Implemented real-time booking updates via WebSockets, reducing booking conflicts and manual reconciliation.
- Improved API performance through query optimisation and caching, reducing median response time by [X%].

Full-Stack Developer (Contract)   2024 − 2025
Studio Yazlm (Doan Holding)   Istanbul

- Delivered enterprise modules with .NET 8, Blazor Server, and ASP.NET MVC using Entity Framework and Dapper.
- Refactored data access patterns and added caching to improve throughput and reduce DB load.
- Participated in 2-week sprint cycles and collaborated with product owners for feature prioritisation.

Full-Stack Developer   2022 − 2023

Yopaat   Istanbul / Remote

- Designed and implemented Stripe-based subscription & payment flows (Node.js), automating billing processes and reducing manual handling.
- Developed REST APIs (Node.js + Sequelize) and responsive React + Tailwind frontends; improved onboarding UX.
- Built Python + Selenium scrapers to populate analytics dashboards, cutting manual data research time.

RPA Developer   2021 − 2022
Intertech   Istanbul

- Implemented banking processes using UIPath and Python RPA scripts to automate repetitive tasks.
- Reduced manual processing time for selected workflows by [X%].

R&D Analyst / Software Developer   2019 − 2021
Adesso   Turkey

- Ported Matlab image-processing code to Python and TensorFlow to enable model retraining and evaluation.
- Built data pipelines (Pandas, NumPy, Selenium) for dataset acquisition and preprocessing for image quality models.
- Collaborated with a 20-person Agile team to integrate microservices for a large client (Remax).

Full-Stack Developer   2018 − 2019
Ceiba Tele ICU   Istanbul

- Built version tracking and bug-tracking integrations (Asana) and Web API services for mobile apps.
- Developed patient-monitoring modules (SAPS, SOFA/QSOPA scoring) and real-time camera streaming components.

Software Developer & Ops   2014 − 2017
Akbank   Istanbul

- Developed system monitoring and reporting projects; implemented a "Person on Duty" tool for 24/7 incident coordination.
- Improved operational reporting cadence and incident response visibility for ops teams.

Software Developer   2014 − 2014
Valk Makina   Istanbul

- Project: Passport Tracking Software
  - Varlk Makina uses a custom-built Passport Tracking Software I developed to streamline employee passport renewals, visa tracking, and notifications for their international operations.
  - Tech Stack: HTML, CSS, JavaScript, PHP, MySQL

Volunteer Work

Castro Courier Newspaper, San Francisco   2011 − 2012
San Francisco, USA

Zero Net Energy Working Group, San Francisco   2011 − 2012
San Francisco, USA

Education

Intrax Language School   2011 − 2012
San Francisco, USA

B.Sc. Computer Science   2002 − 2009
Istanbul Bilgi University   Turkey

- Thesis: *Mathematical Approach in Control Theory*

Personal Projects

- **brene.dev** **Selected apps, code, demos and other works.**

Languages & Activities

Languages: **Activities:**
Turkish (Native)   Blues Association Member
English (Advanced)   Drummer since 2003
German (Beginner)   University Rock Club Member

References

References available upon request.