

Mert Can Balci

Software Engineer · Istanbul, Türkiye

localhost:3000
github.com/MCB803
linkedin.com/in/mertcanbalci
mcbalci803@gmail.com

SUMMARY

Software engineer with 3+ years on high-traffic aviation systems and a dual degree from İTÜ and Binghamton University (SUNY). Full-stack, with a track record of bridging complex algorithms and business needs, improving middleware performance by 20% and leading cross-functional work that ships scalable software.

EXPERIENCE

Hitit · Full Stack Developer

Jun 2023 - now · Istanbul

- Lead architectural enhancements for scalable core systems in the aviation sector, managing over 1.5 million daily transactions.
- Optimised middleware database queries, improving API response times by 20% (150 ms).
- Re-engineered the Kiosk module end to end with Oracle PL/SQL and Spring Boot, achieving 100% data consistency.
- Mentor junior engineers and standardised code-review practices.

Hitit · Junior Software Developer

Sep 2021 - Jun 2023 · Istanbul

- Facilitated the migration of mission-critical legacy systems to modern web technologies (Spring, JSF).
- Re-architected customer panel interfaces with Thymeleaf and MVC, increasing page load speeds by 45%.
- Owned technical analysis and delivery across 20+ Agile/Scrum sprints.

AllPawsInn · Seasonal Developer

Jan 2021 - Jun 2021 · New York

- Designed and deployed the desktop software architecture managing 500+ registered users and inventory data.
- Reduced operational data-entry errors by 25% through UI/UX improvements.

Arçelik – İTÜ · R&D Intern

Jul 2020 - Aug 2020 · Istanbul

- Developed Gaussian Mixture Model algorithms for voice recognition, raising model accuracy by 12%.

EDUCATION

Binghamton University (SUNY) · B.S. Computer Science & Information Systems Engineering

Sep 2017 – May 2021 · New York

Dean's List, 2017–2018. Merit Scholarship, 2017. GPA 3.20 / 4.00. TOEFL iBT 101.

İstanbul Technical University · Information Systems Engineering

Sep 2014 – Aug 2017 · Istanbul

Dual degree conferred in May 2021 together with Binghamton University.

SKILLS

Languages	Java (expert), Python, C#, C++, JavaScript, HTML/CSS, Oracle PL/SQL
Technologies	Spring Boot, Spring MVC, JSF, JSP, Thymeleaf, Git, Docker, Jira, Agile/Scrum