

Baran Cezayirli

TECHNOLOGIST

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Technologist with over 20 years of experience, specializing in Software Management and Strategic Thinking. Proven track record in leading software development initiatives, enhancing system scalability and team performance across multiple high-tech ventures. Utilizes a strong background in AI, System Design, and DevOps to drive innovation and efficiency in technology solutions.

SKILLS

- System Design
- Prompt Engineering
- Stakeholder Management
- Startup Ventures
- Artificial Intelligence (AI)
- DevOps
- Team building
- Strategic Thinking
- Machine Learning (ML)
- Software Management
- Cloud Infrastructure
- Agile Methodologies

EXPERIENCE

Head of R&D at Rainforest Automation (Oct 2022 - Present)

- Designed and built an **event-driven microservices** architecture to improve scalability and reduce costs.
- Led the development of an **innovative electric vehicle charging system** from concept to launch.
- Created and deployed **ML models for demand management, energy disaggregation, and EV charge optimization.**
- Developed an **LLM-based energy recommendation system** to help users make better energy decisions.
- Planned and executed **migrating from a legacy system** to a more maintainable and scalable platform.
- Moved infrastructure to the **cloud**, improving reliability and reducing downtime.
- Set up an **automated release and QA process** to streamline product development.
- Documented all processes to ensure clear communication and knowledge retention.
- Mentored junior developers in **AI, ML, and cloud engineering.**

CTO at One% (Oct 2019 - Oct 2022)

- Designed and built a **scalable and maintainable MVP**, migrating the system with zero downtime.
- Hired and trained a **high-performing development team**, ensuring the smooth execution of projects.
- Used **lean experimentation** to prioritize feature development, leading to bi-weekly releases.
- Analyzed platform data, identifying trends that led to **3x user growth.**
- Automated **marketing flows**, cutting costs by 50%.
- I automated the marketing flows, which resulted in a 50% reduction in marketing costs.

Principal Engineer at Malaeb (Sep 2018 - Oct 2019)

- Optimized the **codebase**, reducing API response times from seconds to milliseconds.
- Recruited and trained new developers, expanding the team while staying within budget.
- Redesigned the platform to support a **wider international audience**.
- Developed a **gamification system**, increasing user engagement by 75%.

Principal Engineer at Solve.Care (Apr 2018 - Sep 2018)

- Helped expand the **development team** and improve engineering processes.
- Worked with the **solution architect** to design the platform, helping secure investor funding.
- Led the company's **first product release**, ensuring a smooth launch.
- Built a **modular codebase**, improving development speed by 30%.

Staff Engineer at Applied Blockchain (Oct 2017 - Apr 2018)

- Guided and supported developers, improving team productivity.
- Worked closely with **clients**, ensuring project requirements were met.
- Mentored developers, boosting team skills and project outcomes through targeted guidance.
- Managed intricate client requirements to ensure precise project deliverables.
- Led the development of **4 blockchain MVPs**, enhancing functionality and client satisfaction.
- Boosted team expertise by mentoring developers, focusing on professional growth.

Staff Engineer at Decision Mapper (Dec 2016 - Oct 2017)

- Led design & development of **Deloitte's audit automation platform**.
- Managed a diverse, international team of developers.
- Ensured timely, high-quality platform delivery.
- Incorporated advanced third-party software, boosting **platform capabilities** and **user satisfaction**.
- Fostered a cooperative environment among global teams to **meet critical deadlines** effectively.

Full Stack Engineer at Self Employed (Apr 2008 - Dec 2016)

- The most significant accomplishment of my years was not the numerous applications and games I built but the invaluable lessons I learned from the exceptional individuals I had the privilege to work with.
- I realized the boundless scope of knowledge available as I also learned how to design, instruct, and advance my skills.
- Developed multiple apps and games, honing advanced full-stack skills and problem-solving

EDUCATION

METU, Geological Engineering - BE (2006 - 2013)

Ankara/Turkey

Gazi University, Industrial Engineering - BE (2002 - 2006)

Ankara/Turkey

CERTIFICATES

Become a Data Scientist - (2024)

Linkedin Learning

LinkedIn AI Academy - (2024)

Linkedin Learning

Getting Started with AI and Machine Learning - (2024)

Linkedin Learning

Entrepreneurship Learning Pathway - (2024)

Linkedin Learning

More certificates are available on my LinkedIn profile.