Enes BASOGLU

SOFTWARE ENGINEER

Technical-minded | Lifelong learner | Ambitious | Results-driven | Creative

CONTACT

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LANGUAGES

Turkish   Mother Tongue
English   C2
German   B2

REFERENCES

Marjorie Gabriel
Head Systems Engineering, SIX
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Eugen Mirosch
Head Data Management, SIX
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Andy LAM
CEO, ARS Software Solutions AG
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IT SKILLS

Languages:
Java, JavaScript, TypeScript, SQL, C#

Frameworks & Libraries
JavaFX, React.js, Angular, Spring Boot, Bootstrap

Frontend & UI
HTML, CSS, SCSS, FXML, Scene Builder

Databases
MySQL, PostgreSQL, SQLite, Impala, Firebase

Tools & Platforms
Git, GitHub, GitLab, Gradle, Maven, Jira, Confluence, Atlassian, Bitbucket, Mendix, CI/CD

Methodologies
Agile/Scrum, Kanban, Scaled Agile Framework (SAFe)

WORK EXPERIENCE

09.2024 – Continue
Software Engineer, SIX Swiss Exchange, Zürich
- Maintained and enhanced a high-performance **Java** desktop application used by analysts to detect fraudulent trading activity, improving system reliability, data visualization clarity, and overall user experience with **modern UI/UX** design principles.
- Refactored, maintained and improved modules related to **algorithmic trading**, **trading activities**, and **probability models** to support market surveillance and enhance detection accuracy.
- Improved responsiveness **50%+** via **asynchronous tasks** and thread optimization, ensuring smooth performance under heavy loads.
- **Transformed** a heavily used fragile and insecure **dependency** (involving JFoenix, com.sun libraries) into secure, custom-built components, resolving illegal access errors and improving long-term **security** and **maintainability**.
- Maintained **modular backend services** with **Spring Boot**, supported existing **SQLite** and **Impala** for efficient data access, and used **Gradle** to streamline builds and deployments.
- **Collaborated** with compliance teams to translate **regulatory requirements** into system features, while resolving critical issues, following **Agile**/**SAFe** practices using **GitLab**, **Jira**, and **Confluence**.
- Contributed to planning the **transformation** of a JavaFX desktop app to an **Angular** web app by defining dependencies and inventorying UI components; proactively to support the migration.

12.2023 – 04.2024
Frontend Developer, ARS Software Solutions AG, Baar
- Developed and maintained https://digital-recrewter.com using **React** with **TypeScript**, **Sass**, **Bootstrap**, and **C#**, creating a platform connecting healthcare professionals with employers.
- Utilized **Git** (including **GitHub** and **Bitbucket**) for version control and collaborated using **Jira** and **Atlassian** tools within **Agile/Kanban** workflows.
- Implemented **responsive design principles** for optimal user experience.
- Managed **MySQL** databases for data storage and retrieval.

2018 – 2022
Freelance English Tutor (Remote & In-person)
- Adapted teaching methods in remote and in-person sessions, building communication and collaboration skills valuable for Agile teams.

2009 – 2012, 2014 – 2018
Electronics Engineer, Turkish Navy, Turkey
- Coordinated the electronic department with **testing**, **troubleshooting** and maintaining electronic systems.
- Led the **IT department** on board for 2 years, and transformed legacy computer systems with modern **thin client infrastructure**, creating a more **secure** and **efficient** computing environment.

ACTIVITIES & INTERESTS

AI and Machine Learning
Explore and experiment with AI/ML techniques and emerging tools, including **Cursor AI**, **Windsurf AI**, **ChatGPT/GPT models (OpenAI)**, **GitHub Copilot**, and **Claude (Anthropic)**, to stay current with industry trends.

Storytelling
Passionate about the art of storytelling and its impact on connecting people, believing in the power of narratives.

Toastmasters International (Member)
Beyond my technical skills, I'm actively building strong communication through Toastmasters, where I deliver speeches and give feedback in collaborative development environments.

VOLUNTEER EXPERIENCE

01.2025 – 06.2025
TEDxSIX Event, Zürich
Took part in the organization of Audience Experience part of TEDxSIX event, and experienced the sense of initiative and collaboration. Being part of a team driven by purpose reminded me how powerful it is when people step up and contribute their unique strengths.

10.2023 – 08.2025
Robotics Workshop Facilitator - Bibliothek Zug, Zug
Started an initiative and organized free Robotics workshops at the Zug Library. Conducted engaging hands-on sessions focused on Arduino applications. This initiative has contributed to increased community engagement in STEM education, with the workshop consistently fully booked due to high demand.

08.2023 –08.2025
Learning Mentor - FRW, Baar
Assisted individuals from disadvantaged groups in society with German language acquisition and settlement support. The FRW (Friede, Respekt, Würde) promotes peace in society, mutual respect and respect for the dignity of every person.

EDUCATION

09.2012 – 12.2014
Master of Science in Electrical Engineering, University of Southern California (USC), Los Angeles, USA

- **GPA:** 3.6/4.0

- Attended a **Top 10 U.S. Engineering School** (*U.S. News & World Report*)

- Studied under **Dr. Solomon W. Golomb**, pioneer in **coding theory**, in **Applied Linear Algebra for Engineering**

- Additional coursework: *Transform Theory for Engineers*, *Modern Solid-State Devices*, *Engineering Project Management*

- Built **strong foundations** in mathematical modeling and systems analysis applicable to **software development**

09.2005 – 07.2009
Bachelor of Science in Electrical Engineering, Naval Academy, Istanbul, Turkey

- GPA: 3.2/4.0

- Courses included **C programming**, **Digital Systems**, **Microprocessors**, **DSP**, **Numerical Methods**, **Probability & Statistics,** and hands-on experience in **MATLAB**

- **Thesis:** Applied **Support Vector Machines (SVM)** for noise cancellation; selected among **top 3 projects** university-wide

- Solid foundation in **algorithms**, **data analysis**, and **low-level programming**

- **Track & Field Team Captain** — led team to multiple **medals** in university competitions

CONTINUOUS EDUCATION

04.2024– 08.2024
Powercoders Bootcamp – ICT Work Integration Program, Bern

- Foundations in **HTML**, **CSS**, **JavaScript**, **Git**, and **CLI**

- Learned and applied **Object-Oriented Programming (OOP)** principles

- Built full-stack applications using HTML, CSS, JavaScript, and **Java/Spring Boot**

- Practiced **Agile workflows** and team collaboration

- Attended workshops in **CV & Interview Prep**, **Agile**, **Business Communication**, **Teamwork**, and **Swiss Work Culture**

01.2023 - 12.2023
German Course - ProArbeit, Zug

- A1-B1 Level German Course

03.2023
Microsoft Certified: Azure Fundamentals – Microsoft

- Passing 90% for AZ-900 Exam

03.2023
Microsoft Certified: Security, Compliance, and Identity Fundamentals – Microsoft

- Passing 98% for SC-900 Exam