

AKIN BILEN

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EDUCATION

The University of Texas at Austin Bachelor of Science: Computer Science Minor: Economics Cumulative GPA: 3.8

Related Coursework: Data Structures, Algorithms & Complexities, Object Oriented Programming, Software Engineering, Competitive Programming, Mobile Computing, Machine Learning, Neural Networks, Artificial Intelligence

Certificates: [Machine Learning Specialization](#)

SKILLS

Technical Skills: TypeScript, React, Django, Java, C, C++, React Native, Kotlin, Python, NumPy, SQL, Firebase, Swift, Pandas, JavaScript, AWS, CSS, HTML, R, Docker, Git, Unix, Linux, TensorFlow, matplotlib

Soft Skills: Teamwork, Leadership, Communication, Adaptability, Problem-solving, Dedication, Detail-Oriented, Creativity

Languages: Turkish(native), English(native), German(beginner), Spanish (beginner)

EXPERIENCE

Mentor Marvin - Full Stack Engineer; Austin, TX May 2025- Present

- Developed a React Native (Expo) app; used Redux and React Context for state, and SQLite for low-latency local storage.
- Built a RESTful API with Python, DRF, and PostgreSQL; implemented auth, robust permissions, and rate-limiting.
- Integrated various Google services like Auth, Cloud Vision, Calendar for OCR, and smarter recommendations.
- Applied prompt engineering and grounding techniques (KB-based context) to optimize token use and quality; delivered AI feature via OpenAI Assistants API and Responses API.
- Built mentormarvin.io with React and Next.js; added SEO fundamentals and leveraged agentic coding tools to accelerate development.

IAMECON - Full Stack Engineer/ Data Analyst; Austin, TX Sep 2024- Apr 2025- Present

- Delivered end-to-end features with React and Django REST Framework, implemented RESTful APIs and a shadcn/ui design system.
- Led automated data collection via web scraping with Selenium/BeautifulSoup: cleaning, and transforms using pandas.
- Analyzed terabyte-scale datasets using T-SQL and Python (pandas); produced decision-ready visuals with matplotlib and seaborn.
- Built a client feedback loop with demos and strategic meetings, translating insights into prioritized roadmaps and relationships.

Father's Playbook - Frontend Developer; Austin, TX May 2023– May 2024

- Contributed as an Android Developer on the research team for the Father's Playbook app, utilizing Java, Kotlin, and XML.
- Successfully executed an exhaustive redesign of every page and component within the app, improving the layout and visual appeal.
- Introduced new features, enhancing the baby calculator by adding functionality for new item inputs and removing unnecessary features.
- Took charge of facilitating weekly meetings with IOS developers, ensuring synchronization and coordination with project objectives.
- Engaged in biweekly meetings with the project manager, gaining constructive feedback and aligning progress with project milestones.

Memship Mobile - Full Stack Developer; Austin, TX May 2022– Jan 2023

- Developed a React Native mobile app streamlining organization processes, including event schedules, point system, etc.
- Managed a cross-functional team of 5 individuals throughout the project, showcasing strong leadership and effective communication.
- Orchestrated monthly meetings with 5 members, adeptly gathering feedback to drive continuous improvement in user experience.
- Achieved efficiency by 91% reduction in time spent on point maintenance tasks, optimizing the process from an hour to 5 minutes.
- Utilized React Native library with JavaScript for frontend development, and Firebase for backend, authorization, and data services.

Afiniti - Software Engineer Intern; New York City, NY Jun 2021– Jul 2021

- Leveraged R and Python libraries to develop a comprehensive web crawler for a client, demonstrating proficiency in data extraction.
- Utilized HTML and CSS to identify patterns on websites lacking organized structures, enabling accurate target data extraction.
- Transformed collected data into structured tables, facilitating an environment for streamlined data analysis and interpretation.
- Presented a comprehensive analysis to the Data Analysis team's VP, highlighting the crawler's advantages and limitations.

PROJECTS

Swiftly: Duolingo for IOS Developers - Full Stack Developer; UT Austin Jan 2024– May 2024

- Utilized the gamified Duolingo structure to design an app for beginner IOS developers to learn about the intricacies of Swift.
- Achieved a universal leaderboard system and points system using Google Firebase Firestore and Realtime Databases.
- Implemented the user flow from login to lessons to sign out, utilizing FirebaseAuth and Segue transitions.
- Managed a 4-person dev team by arranging weekly meetings while accommodating each developer's skill level and schedule.

Sportsrightnow.me: NBA, MLB, NFL Database website - Full Stack Developer; UT Austin Jan 2023– May 2023

- Led backend development in a team to architect a resilient backend leveraging Flask, MySQL, and AWS EB and Amplify tools.
- Devised a search bar and algorithm to enhance user experience and feel; engineered the flow and the layout of instance pages.
- Engineered our REST API infrastructure, empowering data retrieval, dynamic filtering, and fast search functionality.