Baturalp Unlu

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PROFESSIONAL SUMMARY

Former Olympian and Full-stack Software Engineer building secure, scalable SaaS platforms with React, .NET, and cloud technologies, experienced in authentication, developer tooling, and multi-region systems supporting 100K+ users globally.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA   *August 2020 — December 2024*
- Bachelor of Science in Computer Science; concentration: Artificial Intelligence and Media

EXPERIENCE

NCR VOYIX, Atlanta, GA   *January 2025 — Present*
Software Engineer
- Built and scaled NCR's multi-tenant Home Platform and shared React library adopted by 20+ teams to standardize design systems, streamline cross-app navigation, and deliver a unified experience across 30+ SaaS products.
- Engineered distributed authentication and access microservices using C#, .NET, Okta, and REST APIs—supporting MFA, OAuth flows, and secure API traffic for over 100K users and 19M monthly calls across five global regions.
- Reduced authentication latency by 75% (200 to 50 ms) by implementing a distributed Redis cache for token introspection, improving response times across 50K+ weekly authentication requests.
- Managed CI/CD pipelines and release automation, overseeing automated Cypress and accessibility test suites, hotfix deployments, and documentation—enabling 10K+ developers to ship reliably across NCR's ecosystem.

NCR VOYIX, Atlanta, GA   May *2024 — August 2024*
Software Engineer Internship
- Built and launched a full-stack provider-integration platform with Angular, TypeScript, C#, and .NET, enabling 5,000+ small and medium businesses to manage Google Business Profiles and onboard across 6+ restaurant brands.
- Developed OAuth-based location syncing, data-migration, and claim/mapping workflows that cut manual setup time by 60% and reduced onboarding time by 40%, accelerating adoption of NCR's digital-presence tools.
- Partnered cross-functionally with PMs, UI/UX designers, and business analysts in Agile sprints to refine onboarding flows, conduct usability testing, and implement automated cross-device tests for production-grade reliability.

UPS Capital, Atlanta, GA   *May 2023 — December 2023*
AI Engineer Co-Op
- Developed an internal AI chatbot using Streamlit and OpenAI's MosaicML on Databricks training and fine-tuning LLMs with PyTorch and pandas to deliver accurate, real-time answers for internal data queries.
- Led front-end development of the UPSC Claims Portal with Angular, SCSS, and TypeScript, creating a dynamic interface that doubled integration efficiency and streamlined deployments for UPS channel partners.

PROJECTS

Sports Performance Intelligence Platform
- Created a full-stack analytics platform with React, Node.js, and Python to capture and visualize athlete performance data, transforming movement metrics into actionable insights for individualized and team optimization.
- Designed predictive data pipelines and models to analyze performance data and deliver real-time insights for Georgia Tech Swimming, with interactive React and Chart.js dashboards visualizing key metrics and trends.

LEADERSHIP

- Qualified for the **2021 Tokyo Japan Olympic Games** through my outstanding time management and dedication.
- NCAA D1 Georgia Tech Swimming Student-Athlete, All American, and Fred Lanoue Athletic Achievement Award.

SKILLS

Programming: C#, .NET, JavaScript/TypeScript, Python, SQL (PostgreSQL), HTML/CSS, MUI, PyTorch, NumPy
Tools: AWS, Docker, Okta, Kubernetes, Google Cloud, Redis, Databricks, Cypress, SonarQube, Git, JIRA
Language: Turkish (Native), English (Fluent)