Bayram Furkan Bayar

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Professional Summary

Full-stack developer (JavaScript/TypeScript, Python, Azure) with a track record of raising data accuracy by **30%** and reducing latency by **50%** in cloud-native services for public-sector and SaaS teams.

Core Technical Skills

Languages	JavaScript/TypeScript, Python, C#, C/C++, Java, Bash
Front-End	React, Next.js, HTML5, CSS3, Tailwind CSS
Back-End	Node.js, Express.js, Django, Flask, REST, PostgreSQL, MySQL
Cloud & DevOps	Azure, AWS, Docker, Kubernetes, Terraform, NGINX, GitHub Actions
Other	Microservice design, UML, Agile/Scrum, Jira, Figma, Postman

Professional Experience

Ministry of the Attorney General — *Software Developer*   Toronto · Jul 2024 – Dec 2024

- Engineered a secure asset-management portal (Express, React, PostgreSQL, Azure) that boosted CMDB data accuracy by **30%** and cut asset-retrieval latency by **50%**.
- Authored REST API layer, reusable React/Tailwind component library and an operations run-book; completed threat-risk assessment and architecture documentation.
- Resolved **50+** ITIL tickets per month (LAN/VPN, hardware, software), trimming outage minutes by **20%** while meeting OPS compliance targets.

York University — *Web Developer (Volunteer)*   Toronto · Jun 2023 – Feb 2024

- Delivered WordPress CMS for refugee claimants; raised Lighthouse score to **97** and shrank median page-load from 3.4 s to 1.2 s (**-65%**) via CDN, lazy-loading and query caching.
- Implemented security hardening that met Immigration, Refugees and Citizenship Canada criteria; maintained uptime above **99.9%**.
- Trained **15+** staff/volunteers and achieved **95%** platform adoption within three months.

Proda Information Technology — *Software Developer*   Ankara · Aug 2018 – Jul 2019

- Tuned NGINX, Apache, PHP and MySQL on Ubuntu/CentOS, shaving **30 ms** from average response time.
- Automated backups and recovery to prevent downtime during customer-facing upgrades; configured LAN/WAN gear and wireless to ensure consistent connectivity.

Projects

Auto Dealership System — *Django, React, Express, MongoDB, Docker, Kubernetes*   Jan 2024

- Containerized micro-services on Docker/Kubernetes; CI/CD pipeline reduced deployment time by **40%**.
- Added sentiment-analysis service on IBM Code Engine, improving review-moderation accuracy.

Human Resource Bot (ConuHacks — 1ˢᵗ Place, GSoft) — *Python, Flask, SQLite*   Mar 2023

- Automated onboarding tasks, cutting new-hire ramp-up time by **50%**.
- Integrated Google Cloud NLP, Calendar API and GitHub REST to surface sentiment analytics to HR.

Education

York University, Lassonde School of Engineering	B.A.Computer Science, May 2024
Gazi University	B.Sc.Computer Engineering, Jun 2019