

Mahmut Can Kurt

Backend Developer

Istanbul, Türkiye | is.mahmutcankurt@gmail.com | +90 535 084 3920 | linkedin.com/in/mahmutcankurt | github.com/mahmutcankurt | mahmutcankurt.com

PROFESSIONAL SUMMARY

Backend Developer who turns tangled business processes into dependable software. For nearly four years I have helped build and run Weoll, an intelligent business process management (iBPM) SaaS platform that manages the processes of 30,000+ employees, with customers such as Hepsiburada, Aras Kargo, Yemeksepeti and Koleksiyon Mobilya. I work across the whole backend, from workflow engines, multi-tenant PostgreSQL and event-driven Google Cloud pipelines to security hardening and data protection, and I care about code that is easy to read, safe to change and secure by default. 2,700+ commits, 450+ merged pull requests and 80+ service modules in, I still enjoy the hard parts.

PROFESSIONAL EXPERIENCE

Backend Developer - Global IT (Weoll), Istanbul, Türkiye

Dec 2022 - Present

Weoll combines no-code process design, contextual task management, relational data tables and AI-assisted document management in one platform. Customers include Hepsiburada, Aras Kargo, Toyzz Shop, Yemeksepeti, Koleksiyon Mobilya, ODE Yalitim, Happy Moon's, Osmanlı Yatırım and Gözalan Holding.

- **Built and maintained the engine room of a multi-tenant SaaS:** the Weoll backend (Node.js 22, TypeScript, JavaScript, Express.js) on PostgreSQL with an isolated database per customer (Knex.js), Firestore, Redis and Google Cloud, spanning 140K+ lines and 80+ service modules.
- **Made workflows run on schedule and on time:** extended the no-code flow engine, where every node is an idempotent Cloud Task, with scheduled triggers, wait and delay steps, end-of-flow rollups, lookup placeholders inside flow actions and automatic alerts to admins when an approval step has no owner.
- **Gave customers a richer data model:** built and refined lookup, rollup, formula and currency field types, filter options, bulk Excel import and export, and dependency-safe table deletion that topologically sorts multi-level foreign keys before dropping tables.
- **Opened the platform to outside collaborators:** designed external (guest) user management on Firebase Identity Platform, with suspend and activate, instant Pub/Sub sign-out, per-customer external mail limits and guards that keep external users from seeing other externals or gaining admin rights.
- **Protected sensitive data:** implemented a client-side encrypted field type, including encrypted phone and email fields, whose ciphertext stays out of search and filters and whose reset is limited to table admins and row owners.
- **Delivered reporting that scales:** report filters, search, scheduled email snapshots and timezone-correct dates, plus chunked Cloud Tasks pipelines that turn large tables and reports into Excel files without blocking requests.
- **Built a complete audit trail:** structured, paginated logs for table creation, schema and field changes, rollups, row edits, layout updates and flow-version activations, so administrators can always answer who changed what and when.
- **Hardened security:** shipped ClamAV antivirus scanning for Cloud Storage uploads as a standalone Cloud Run service with quarantine, owner notification and audit logging; fixed a potential SQL injection path; added HTML sanitization to the page designer; wrote a PostgreSQL error-translation layer that turns SQLSTATE codes into clean client errors; kept dependencies patched.
- **Kept the platform fast and tidy:** replaced a blocking Cloud SQL export with a task-driven polling pipeline, added a scheduled orphan-attachment cleaner, prepared the App Engine to Cloud Run move with OIDC-authenticated Cloud Tasks, delivered Android and APNs notification counts and integrated a Jira-backed support desk module.
- **Maintained ready-made Weoll Market apps** such as announcements and polls, with Turkish, English and Romanian content and Swagger/OpenAPI documentation for every endpoint.

Backend Developer - Arma Group Holding

Nov 2021 - Dec 2022

- **Automated data collection** by building Python web-scraping bots that extracted data from a variety of web sources.
- **Designed a Django REST Framework backend** with a MySQL database that powered the company website, from API design to server integration.
- **Served as Database Administrator** for the Bul Search Engine and Bul Drive Storage projects, keeping the data layer of two cloud products healthy as part of the Cloud Team.
- **Engineered a Hadoop-based cloud cluster** that strengthened the project's data processing and storage capabilities.

Software Engineering Intern - Kobisi

Jun 2020 - Aug 2020

- Built the Node.js backend behind the mobile applications of Kobisi e-commerce projects, integrating robust, scalable e-commerce functionality into mobile platforms.

Software Engineering Intern - *Carpedu*

Sep 2019 - Dec 2019

- Created a Python and Django web platform for psychology studies, integrating puzzles and visuals to support academic research.

Software Engineering Intern - *Tosia Tech*

Jun 2018 - Aug 2019

- Created a Python and Django travel blog site that strengthened community engagement and content sharing.
- Developed a secure virtualized payment system using blockchain technology.

EDUCATION

Bachelor of Science in Computer Science - *Duzce University*

Sep 2016 - Aug 2021

SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Bash, HTML, CSS

Backend: Node.js, Express.js, NestJS, Django, Django REST Framework, REST API, OpenAPI/Swagger, Microservices, Event-Driven Architecture, Workflow Automation, Multi-Tenant SaaS

Databases: PostgreSQL, MySQL, NoSQL, Firestore, Redis, Knex.js, Database Administration, Query Optimization

Cloud and DevOps: Google Cloud Platform (App Engine, Cloud Run, Cloud Tasks, Pub/Sub, Cloud Storage, Cloud SQL), Firebase, Docker, Hadoop, Git, Bitbucket, Jira

Security: Authentication and Authorization, Role-Based Permissions, Data Encryption, Antivirus Scanning, SQL Injection Prevention, Audit Logging

CERTIFICATIONS, COURSES AND LANGUAGES

- **IDP Education:** IELTS Academic, overall score 6.0. **Languages:** Turkish (Native), English.
- **NVIDIA:** Getting Started with Deep Learning; Deep Learning for Computer Vision; Image Segmentation with TensorFlow; Medical Image Classification with PyTorch. **AWS:** Demystifying AI/ML/DL; Machine Learning Algorithms Explained; Machine Learning Terminology and Process.
- **Udemy:** Web Development with Python and Django; React and Context API. **Carpedu:** Python Software Language; Django Web Development; React Native and NodeJS.