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He has been working as an Electrical and Electronics Engineer at Karaman Organized Industrial Zone Directorate since 2022. His professional work focuses on power systems analysis, distribution network planning, the operation and management of medium-voltage (MV) and low-voltage (LV) distribution systems, the integration and operation of renewable energy systems, especially solar energy applications, SCADA systems, remote monitoring, and automation infrastructure.

His research interests include demand-side participation mechanisms, the technical effects of dynamic tariff structures on electricity distribution systems, load profile analysis and load-shifting applications, modeling and simulation of the production-consumption balance in distribution networks, and the analysis, optimization, and use of energy data in decision-support processes.