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Education

Bachelor of Industrial Engineering, Marmara University, Istanbul/Turkey ***2018 - 2024***

- As a graduation project I have developed a machine learning model for Turna.com to predict passenger ticket cancellation behavior, aiding in decision making in company's pricing strategy. ([See article](#))
- Secured 2nd place in 2020 and 1st place in 2021 in the university-wide Case Analysis Competition, advancing to the Industrial Engineering Society (EMT) 2021 Turkey Finals representing Marmara University Engineering Department. Subsequently achieved 2nd place among approximately 100 teams in the English Home Marmara University Case Analysis competition. (See certifications : [1](#), [2](#), [3](#), [4](#))
- GPA : 2.91 / 4.00

Professional Experiences

Freelance Software Developer, Own Sole Proprietorship ***2024 Jan – present***

- Delivered a complete web-based appointment scheduling platform within a 6-month timeline, including a main website and an admin panel for legal services, ensuring seamless functionality and integration between the client-facing website and admin panel.
- Main Website: Built an appointment scheduling system allowing users to book video, phone, or in-office consultations with attorneys. Integrated Google Meet APIs for video calls and iyzico for secure payment processing. Implemented user authentication, document upload, and a e-mail notification system.
- Admin Panel: Designed an admin dashboard with distinct roles for administrators and attorneys. Admins manage appointments, client details, payments, blogs, and notifications. Attorneys can configure availability, appointment types, and manage their schedule.
- Technologies used: *HTML, CSS, Javascript, Google Firebase, Google API's, Vue.js 3, TailwindCSS, AWS Lambda, API Gateway*

Software Engineer, Innoppia, Rotterdam/Netherlands ***2023 July – 2023 Feb***

- Led software engineering efforts on a [Predictive Maintenance Driven Task Planning System](#).
- Designed, tested, and deployed the standalone Task Planner optimization model, integrating it into the FabMetrics IIoT platform as part of the EU-funded [AIPlan4EU](#) project over seven months.
- Managed project phases, including sprint reports, planning, architecture design, technical writing, research, and technical meetings.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, Amazon Web Services , DynamoDB, AWS Lambda, S3, EC2, IAM, Postman, VS Code, AWS API Gateway, Docker, unified-planning-library.*

Software Engineer Intern, Innoppia, Rotterdam/Netherlands ***2023 April – 2023 July***

- Engaged in backend development tasks for the FabMetrics IIoT platform.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, Amazon Web Services , DynamoDB, AWS Lambda, S3, EC2, IAM, Postman, VS Code, AWS API Gateway*

Assistant IT Specialist, English Home, Istanbul/Turkey ***2022 Aug – 2022 Oct***

- Developed internal business solutions in Python
- Automated repetitive tasks with scripting and generated data analysis reports.
- Participated in ABAP debugging and SAP operations for IT technical support.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, MSSQL, SQL, SAP*

Other

- 2021 March Higher Education Institutions Foreign Language Test (YÖKDİL) Score: 95/100 ([See certification](#))
- 2019 Work and Travel Experience at High Sierra Pools Maryland/USA as a full time Pool Operator / Life Guard
- Participated in various Erasmus+ project in EU and founded my own non profit youth organization Youth Palette