Alihan Teker

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EDUCATION

Business Academy *Media Computer Science*	Bludenz, Austria *Sep. 2013 – Jul. 2018*
Apprenticeship CNC Machinist *Specialization in Machining Technology*	Nenzing, Austria *Sep. 2018 – Apr. 2022*
Full-Stack Software Developer Course *Specialization in Machine Learning and Predictive Analytics*	Dublin, Ireland *Sep. 2023 – Jul. 2024*

EXPERIENCE

- **Liebherr** — Nenzing, Austria
  CNC Machinist — *Oct. 2022 - Sep. 2023*
  - **Precision Machining**: Operated CNC machines to produce high-precision steel parts, ensuring adherence to tight tolerances.
  - **Technical Problem Solving**: Diagnosed and resolved machine malfunctions and quality issues, improving production efficiency.
  - **Programming for Steel Parts**: Developed and optimized machine programs for steel part fabrication, enhancing machining accuracy and reducing production time.

COURSEWORK

- **Code Institute** — Dublin, Ireland
  Full-Stack Software Developer Course — *Sep. 2023 – Jul. 2024*
  - **Web Development**: Built responsive websites using HTML, CSS, and JavaScript, with a focus on modern web design principles and user experience.
  - **Backend Development**: Developed server-side applications using Node.js and Python, including RESTful API design and integration with frontend components.
  - **Database Management**: Managed relational databases with SQL and NoSQL databases with MongoDB, including designing schemas, writing complex queries, and ensuring data integrity.
  - **Frameworks and Libraries**: Utilized frameworks such as Django and Numpy to streamline development processes and enhance functionality, focusing on best practices and performance optimization.
  - **Machine Learning**: Applied machine learning techniques and tools using TensorFlow and Keras to build and train models for predictive analytics and classification tasks.
  - **Deployment and DevOps**: Gained experience in deploying applications to cloud platforms like Heroku and GitHub Pages, and implemented DevOps practices for continuous integration and delivery.

PROJECTS

- **Il Bel Paese**: Static website for a restaurant in Schruns, built with HTML and CSS. Features responsive design, contact form, and social media links. View Project
- **Jump Journey**: JavaScript-based game with touch and click detection, as well as object collision. Responsive design for mobile and desktop. View Project
- **Fitness Guide**: Command-line interface program in Python offering a strength guide and BMI calculator. Includes input validation and secure handling. View Project
- **Costly**: Budget app developed with Python and Django, featuring CRUD functionality and user authentication. View Project
- **Mildew Detection Machine Learning**: Machine learning app using Python and TensorFlow Keras to detect diseased cherry leaves, saving diagnosis time. View Project

PROGRAMMING SKILLS

- **Languages**: Python, JavaScript, SQL, HTML, CSS MongoDB, Git   **Technologies**: Django, Node.js, TensorFlow, AWS,