ETS Training ist eine Marke der euroTech Study GmbH

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Bescheinigung-Nr.: **TB-1462**
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Teilnahmebescheinigung

Sehr geehrte Damen und Herren,

hiermit wird bestätigt, dass Herr Sinan Kuzan, Altenhainer Straße 26, 61462, Königstein, Deutschland, an der Weiterbildung Fullstack Web Entwicklung Kurs von 05.10.2025 bis 18.09.2026 teilgenommen hat.

Teilnahme an Modulen:

HTML 5

- Course Introduction & Campus Platform Orientation
- HTML Page Setup: Doctype, Head, Meta & Comments
- Text Formatting Tags & Global Attributes
- Links, Lists & Tables
- Recap
- Assignment 1: Personal Intro Page
- Block vs Inline, Images, Audio & Video
- Forms Basics: Input Types & Form Elements
- Forms Continued + Semantic Tags + Assignment 2: Contact Form

CSS 3, Bootstrap 5

- Introduction to CSS
- Margin, Padding, Text Properties, Fonts & Links
- Assignments: Signup Form & Tribute Page
- Display, Positioning, Lists & Tables
- CSS Units, Float, Overflow, Opacity
- Width, Height, Outline, Combinators
- Transform, Transitions, Box Shadows, Variables
- Flexbox – 1 (Main Axis, Cross Axis, Container)
- Flexbox – 2 + Media Queries (Intro to Responsive Design)
- (Responsive) Hotel Web Page Project - 1
- (Responsive) Hotel Web Page Project - 2
- (Responsive) Hotel Web Page Project - 3
- Introduction to Bootstrap
- Bootstrap Practice – Open Office Hours
- Bootstrap Project: Solution Walkthrough
- Bootstrap Grid, Display and Project
- CSS Animations (Keyframes, Timing Functions)
- SASS Basics – Nesting, Variables, Mixins
- Project 1: SASS-based UI Component
- Project 2: Animated Landing Page

JavaScript

- Intro to JavaScript & Setup
- Data Types Recap
- Data Types & Type Conversion
- JS Operators – Part 1
- JS Operators – Part 2
- Conditionals (if, else, switch)
- String Methods & Template Literals
- Loops – Part 1 (for, while)
- Loops – Part 2 (nested, break/continue)
- Functions – Declarations & Expressions
- Functions – Parameters & Return
- Functions – Practice Day
- Array Iteration – forEach, map
- Array Iteration – filter, find, reduce
- Objects – Intro & Access
- Objects – Methods & this
- Objects – Practice
- Object Shortcuts & Destructuring
- Spread & Rest Operators
- DOM Introduction – Selecting & Styling Elements
- DOM Events – addEventListener & Event Object
- DOM Manipulation – createElement, classList, etc.
- Project: Guess My Number (DOM Application)
- Local & Session Storage – Concepts & Use Cases
- TODO App – Plan, HTML Structure & DOM Integration
- TODO App – Functionality & Local Storage
- Project: Rock-Paper-Scissors Game
- Async JS – Callbacks, setTimeout, setInterval
- Promises & Fetch API
- Async/Await – Data Fetching & Error Handling
- Project: Weather App – Plan & HTML
- Project: Weather App – Final Implementation
- OOP – Classes & Constructors
- OOP – Inheritance & Practice

React & Next.js

- React Intro & Setup
- JSX, Components & Props
- useState – State Management
- Events & Conditional Rendering
- List Rendering (map & key)
- useEffect & Lifecycle
- Fetching Data (axios/fetch)
- Project 1: User Cards
- Project 2: Counter & List
- React Router v6 – Navigation
- Dynamic Routing & useParams
- Project 3: Blog
- Forms – Controlled Inputs
- Form Validation (Basic + Regex)
- useRef & Form Access
- Custom Hooks – Form Logic
- Project 4: Signup Form
- Context API & Lifting State
- Theme & Language with Context
- useReducer – Complex State
- Redux Toolkit Intro
- Project 5: Cart App
- Performance: memo, useMemo, useCallback
- Styled Components & CSS Modules
- Tailwind CSS Basics
- Project 6: Responsive Cards
- Firebase Firestore Basics
- Firebase Auth (Signup/Login)
- Project 7: Movie App
- TypeScript Intro + Props & State
- Project 8: TS Todo App
- Testing Intro – Cypress
- Cypress + React Testing Library
- Next.js Intro & File Structure
- Routing – Static & Dynamic Pages
- Navigation & Layout
- getStaticProps vs getServerSideProps
- Fetching JSON & APIs in Next.js
- Project 9: Portfolio
- API Routes – Backend Functions
- Auth: JWT & NextAuth
- Admin Panel & Middleware
- Project 10: Blog + Form

- Project 10: Form Submission + Admin Panel
- Project 10: Polish & Testing
- Performance Optimization (memo, lazy)
- Lazy Loading, Code Split, Error Boundaries
- SEO & Meta Tags + OG Tags
- Deployment: Vercel + GitHub Actions
- Pagination in Next.js
- File Upload with API Routes
- Recap + Portfolio & GitHub Review

Node.js

- Introduction: Node.js, Installation, REPL
- Module System, require, exports
- File System – Read, Write
- NPM, Scripts, package.json
- Callback Concept
- Promises, async/await
- Event Loop & EventEmitter
- Error Handling, Try/Catch
- Mini Project #1 Start – CLI Note-Taking App
- Mini Project #1 Continue & Testing
- General Review + Quiz
- Introduction to Express, Creating First Server
- Routing, Middleware Concept
- Using GET, POST, PUT, DELETE Methods
- Request/Response Objects in Detail
- Working with Query, Params, and Body
- Testing with Postman
- File Uploading (Multer)
- Modularizing Routes
- Mini Project #2 Start – ToDo List API
- Mini Project #2 Continue
- Testing + Review + Code Refinement
- RESTful API Structure
- CRUD Operations + HTTP Status Codes
- controller-service-model Structure
- Global Error Handling Middleware
- Introduction to Swagger
- Mini Project #3 Start – Blog API
- Blog API Development
- Advanced Features for Blog API
- Testing, Swagger Documentation
- Review + Quiz
- Introduction to MongoDB and Compass
- Mongoose Setup and Schema
- CRUD Operations with MongoDB
- Relational Models (ref, populate)
- Filtering and Sorting
- express-validator Usage
- Mini Project #4 Start – Ticket API
- Ticket API Development
- Ticket API Continue
- Testing, Error Handling, Validation
- Review + Code Audit
- User Registration/Login, bcrypt
- JWT Authentication
- Middleware Protection
- Role-Based Authorization
- Mini Project #5 Start – Admin Panel API
- Admin Panel Development
- Admin Panel Continue
- Testing API with Postman
- Security: CORS, Helmet, Rate-limit
- Code Cleanup + Review
- Quiz + Code Evaluation
- Logger (Winston), Middleware Logging
- Express + Docker / Deployment Concepts
- Git & GitHub Usage, Version Control
- Introduction to Unit Testing (Jest Basics)
- General Review + Q&A
- Final Review + Q&A

Final Project

German Language

Career Coaching

Bei Fragen stehe ich Ihnen gerne zur Verfügung.

Mit freundlichen Grüßen

i.A.

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