

SZILVESZTER S<u>PÁTH</u>



FULL STACK SOFTWARE ENGINEER

https://silvesterspath.me

After a successful 10+ year career in mechanical engineering, I transitioned into software engineering more than 5 years ago. My primary focus has been on full-stack web development with React and Node.js, as well as cloud-based technologies like MongoDB and AWS. I have gained valuable experience working as a freelancer and as a software engineer at EPAM Systems, where I gained multinational experience in agile environment. I am proficient in English and German.

- Increased global availability by 35% by developing a large-scale ticketing application in a scrum team using event-based microservices with Node.js, deployed via AWS Lambda functions (EPAM)
- Contributed to a 20% sales increase over a 6 months period at EPAM by migrating multi-page user experiences into single-page apps using React in a scrum team, resulting in a 35% improvement in page loading time and a 25% quicker response rate from users
- Doubled website revisits and achieved 25% higher click-through rates by leveraging modern UI/UX design principles and transforming designs from Figma into dynamic websites. Built full-stack web applications as a freelancer see examples at silvesterspath.me

PROFESSIONAL EXPERIENCE

Software Engineer 2021 – present EPAM Systems	I collaborated with cross-functional teams to develop large-scale applications, enhancing my proficiency in JavaScript and TypeScript. I also acquired new skills in AWS and Google Cloud computing. Additionally, I expanded my expertise in event-based microservices with Docker and data visualization with React through challenging projects
Software Engineer 2019 – 2021	Built web applications such as online marketplaces, ecommerce stores and social media apps using Node.js, React Redux and
Freelancer	MongoDB. Also migrate multi-page user experiences to single-page applications
Software & Senior Mechanical Engineer 2018 – 2019	Developed RESTful APIs in a React environment using Node.js/Express.js and SQLite for mechanical engineering use case. Also wrote BASH scripts (in LINUX
Tig-Heg Ltd, Freelancer	environment), and solved complex data structure problems using algorithms in Python and Javascript
ASME Quality Control & Welding Engineer 2015 – 2018	Inducted the American ASME quality control system in a pressure vessel manufacturer company for sterilizing medical instruments in English language, carried out welding
Tig-Heg Ltd	engineering tasks (GMAW/GTAW)
Product developer, German-Speaking Engineer Liaison 2012 – 2013	Beyond facilitating technical communication with the parent company in German, I actively participated in product development, from launching new kabel-tray system elements to enhancing existing ones through innovative
OBO Bettermann Ltd	part design with 3D printing and selection of optimal production technology

CAREER PROFILE

CAREER HIGHLIGHTS

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linkedin.com/in/silvesterspath

silvesterspath.me

github.com/SilvesterSpath

<u>1132 Budapest,</u> Hungary

LANGUAGE SKILLS

 Native HUNGARIAN
Fluent ENGLISH
Advanced GERMAN

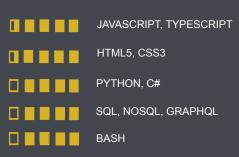
EXPERTISE / SOFT SKILLS

Complex Problem Solving Communication and collaboration (ToastMasters) Analytical and Logical Thinking Ability to Work Independently Attention to Details

SZILVESZTER SPÁTH

FULL-STACK SOFTWARE ENGINEER

COMPUTER LANGUAGES



FRAMEWORKS & LIBRARIES

REACT, REDUX
NODE.JS, NEXT.JS
BOOTSTRAP, TAILWIND CSS
RTL, JEST (TESTING)

CONCEPTS & PRINCIPLES

FUNCTIONAL PROGR
OOP PROGRAMMING
CLEAN CODE, CMS
SOLID PRINCIPLES
AGILE METHODS
UX/UI DESIGN PRINCIP
WEB SECURITY
CONTAINERIZATION

TOOLS & TECHNOLOGIES

FIGMA, SKETCH
CLOUD PLATFORMS (AWS, GCP)
HTTP, WEBSOCKETS

EDUCATION

2022 Jan - currently

Cloud technologies (AWS, GCC), Containerization (Docker, Kubernetes), IAC (Terraform), Server-side rendering (Next.js) LinkedIn, Udemy

2020 Aug – currently MERN Stack Web Development, Data Structures and Algorithms Udemy, AlgoExpert

2019 Sept – 2020 Jan **Data Science** (SQL, Data Visualization, Machine Learning with python and numpy) University of Technology and Economics

2018 Okt – 2020 Aug **Web Development** (HTML, Css, JavaScript, React, Node.js, Express, SQLite) CodeCademy

2018 - present **Python 3 programing language** (Complex Data Structures, Searching and Sorting Algorithms) CodeCademy, Online Courses, Books

2017 (for half a year) **Programming basics** (C#, JAVA) Ruander learning center

2016

International Welding Engineer (EWEIWE)

Determine the technical instructions of the welding process, writing WPS cards University of Óbuda

1999-2002

Mechanical Engineer, area of studies Cad/CAM

Production engineering, materials science and engineering technology Bánki Donát Technical College

1990-1995

Polytechnic / Building service

Water, gas, heating and air-conditioning, / welding pipes and-fittings Vági István Technical High School

Extracurricular and Volunteer Activities

- Creating full-stack web applications for Toastmaster meetings (volunteering)
- Docker, Kubernetes
- Micro Frontend with the Module-Federation-Plugin