Sebastian **Stefaniuk**

software engineer | son, husband, father, brother | awesome code since 2012

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summary

- Highly motivated software engineer with experience in systems designs, SaaS, and app development
- Fast learner, dedicated to delivering optimal quality software with attention to detail
- Great in teamwork settings as well as thriving as an independent engineer

highlights

- Agile/scrum methodology
- API design (RESTful)
- ASP.NET, .NET Core
- AWS services
- BDD/TDD
- CI/CD (Jenkins, Github Actions)
- Data visualization
- Distributed systems engineering
- Elastisearch, DataDog
- Grafana, BigQuery
- Great organizational skills
- gRPC
- JS Frameworks (ReactJS, NextJS)
- Machine learning model training
- Microservices
- Motivated to learn new technologies
- MVC, MVVM design patterns
- UI/UX Design

programming languages (years experience)

- C# (10)
- C++ (1)
- CSS/Tailwind (4)
- Go (4)
- Java (4)
- Javascript (8)
- Python (4)
- SQL (MSSQL, MySQL) (12)
- Typescript (4)

spoken languages

- English (Fluent)
- German (Fluent)
- Polish (Intermediate)
- Currently learning Persian

certifications

- AWS Certified Developer - Associate Level

experience

Senior Software Engineer *Feb 2023 − Jan 2024 (11 months)*

Tilia, LLC. - San Francisco, CA (fully remote)

- Continually improving the virtual economy backend, which includes payment processing, invoicing, calculating taxes, account management, PII management etc.
- Mostly backend development in Go
- Distributed system engineering
- Developing tooling and scripts in python, bash
- Weeklong on-call shifts, DataDog monitoring, troubleshooting and documenting issues, responding to PagerDuty alerts
- Owning entire projects and collaborating across teams

Senior Software Engineer *Jan 2020 − Nov 2022 (2 years, 11 months)*

Mitek Systems, Inc. - San Diego, CA

- Development and maintenance of internal tools to support faster development of global digital identity verification software
- Language agnostic, but wrote primarily in Java, Python, and Golang (also some C++), following strict production and security standards
- Development and maintenance of internal tools to train machine learning models
- Technical lead of internal system to collect and track KPI metrics of large scale products
- Collaborate with product owners, Cloud Ops, and other developers on architecture and functionality of various internal systems
- R&D cost effective solutions using combination of AWS services and other internal tools
- AWS services used: APIGW, Athena, Batch, CDK, CloudFormation, CloudWatch, DynamoDb, ECS, EKS, IAM, Kinesis, Lambda, Route53, S3, SQS, SNS
- Development of microservices and RESTful APIs
- Create documentation, flowcharts, and diagrams for architecture and new features

Full Stack Developer *Apr 2012 − Dec 2019 (7 years, 9 months)*
Webitects.com - Chicago, IL *(now out of business)*
- Developing websites of various types from design and architectural phases through launch and maintenance
- Back ends written in ASP.NET and .NET Core (C#) and front ends written in JavaScript frameworks (ReactJS, NextJS, etc.)
- Development of RESTful APIs
- Developing features such as CMS, file sharing systems, member management systems, data-viz sites, fully customizable to customer specs
- Collaborate with project managers, designers, and other developers on architecture and functionality
- Research new frameworks, patterns, and technologies depending on project needs
- Integrate with 3rd party systems, such as various payment processors
- Occasional collaboration directly with clients
- Coaching of new team members

projects and other highlights

- I love learning new technologies. And although I have no formal training in AI, I enjoy learning about it on my own time and have built neural networks just for fun.
- Experience as a tech lead and making informed decisions and taking ownership of products
- ASRS MultiMedia Library (https://multimedia.asrs.org) – A ReactJS/NextJS web app driven by a .NET Core Web API that allows members of the ASRS association to share media files online. Image and audio files are uploaded via the API into AWS S3 cloud storage and videos are uploaded to Vimeo.

human aspect

- Practicing mindfulness, gratitude, and daily meditations
- I'm a recent fan of 3D printing and have been 3D modelling/CAD for fun for years
- Love electronica music and have been dabbling with synths
- Big JDM cars fan and looking for my next twin turbo ride

education

Bachelor of Science, Computer Science (concentration in Technical Programming) *May 2013*
Northeastern Illinois University - Chicago, IL
Graduated summa cum laude