

Curriculum Vitae

Ms. AV (Alesya) Sheremet

Year of birth: 1984

Residence: Utrecht

Nationality: Dutch

Profile

I am a software engineer with a focus on creating clean, reusable code, quality of implementation and software testing.

I have good coaching skills, I transfers knowledge via workshops or 1:1. I am self-starting and self-motivated, I am a team player with good verbal and written communication skills.

Competences

SCRUM
Web user interfaces

Kubernetes

OGC,

QGIS,

C#, C++

Python

GoLang

PHP

Work experience

Cloud Engineer | TOPdesk B.V.

07-10-2024 – present

TOPdesk is a Dutch company that develops ITIL framework SaaS solutions. The Dutch TOPdesk company is an international company with offices in the USA, Britain, France and more countries.

I joined TOPdesk as a cloud engineer. My task was to add new features to the SaaS tooling software and make architecture improvements, code reviews, technical presentations. The SaaS tooling supports operational work when the incidents occur in the Azure infrastructure where the client instances are deployed.

I worked in a team that uses SCRUM to create software. I implemented the front end application in Vue3 that is used by the operations team to create new instances of the SaaS application for the customers. I introduced unit testing of the front end applications to the team, these tests were implemented with Vitest, testing framework. I added the Playwright tests and integrated the Playwright e2e tests into the Git CI/CD pipeline. I implemented and tested the APIs in GoLang. My DevOps tasks included provisioning of the Virtual Machines, with the help of the Puppet, the software was installed on the Virtual Machines. I used Grafana and Prometheus to display the SaaS tooling metrics to the DevOps colleagues.

Python, GoLang, MongoDB, Vue3, Git, Restful apis, Playwright, MSW, Typescript, SASS, Storybook.
Grafana, Prometheus, Victoria metrics
Terraform, Puppet

Azure 104

Volunteer | Refugee Work

01-07-2024 – 01-10-2024

RefugeeWork supports refugees and asylum seekers from the moment they arrive in the Netherlands until they become independent.

I teach Dutch to Ukrainian refugees.

Software Engineer | SPATIAL EYE B.V.

01-04-2023 – 01-11-2023

Spatial Eye is a Dutch company that develops geographical information systems. The Dutch GIS IT company also operates with GE globally.

I joined Spatial Eye as a software engineer. My task was to add new features to the GIS and make architecture improvements, code reviews, technical presentations.

I worked in a team that uses agile methodologies to create software, I did the improvements of the web services that are integrated into the desktop and web application. I created implementation that finds the water pressure sensors on the pipes. I introduced Roslynator to the team and suggested to replace StyleCop because not all StyleCop rules are supported by Rider IDE.

.Net Framework, React, C#, yarn, Azure Pipelines, Azure Dev Ops, Roslynator, Restful apis, Jest, Typescript, CSS, Storybook.

Software Engineer | CAPGEMINI B.V.

01-02-2023 – 01-04-2023

I joined Capgemini in the role of Senior Consultant. My task was to pass the Scrum Master certifications, Azure Fundamentals and Developer Certifications. At the same time prepare for the interviews at the clients.

I received three certificates, I found a project at Spatial Eye B.V.

Software Engineer | ARTS EN ZORG B.V.

01-07-2020 - 01-02-2023

Arts en Zorg decided to create a patient health record (PHR). The PHR must provide patients of Arts en Zorg access to their medical data.

I joined a Scrum team as a full-stack software engineer. My task was to create the implementation of a patient health record (PHR) based on the HL7 FHIR standard.

I created architecture, developed, made tests, deployments and did monitoring of the implementation. I created the architecture of the PHR based on the IHE and FHIR specifications. I developed front-end projects in Angular 15, nx, TailwindCSS, Lit, Vue, Vite. With unit tests and e2e tests in Jest and Cypress and MSW as a mocking framework. I automated deployments for Kubernetes in Azure DevOps. I developed the authorization proxy in Golang 18. I tested contracts between APIs with PACT framework. I used Identity Server for the implementation of two-factor authentication.

As a result, the PHR of Arts en Zorg allows 150000 patients of Arts en Zorg to access their medical data.

Azure Cloud software development

Python, Golang, Kubernetes, Helm Charts, .NETCore, C#, Azure CI/CD, Unit testing, Angular, Vue 3, RxJs, Pinia, Jest, Karma, TailwindCSS, StoryBook, Scrum, MSSQL, CosmosDB, RabbitMQ

Software engineer | INFODIS B.V.

09-09-2019 - 01-07-2020

Infodis is a Dutch company that provides logistics IT solutions.

I joined Infodis as a software engineer. My task was to add new features to the transport management system and make architecture improvements at once.

I worked in a Scrum team that was partly abroad, I did optimizations of the reporting tools with the addition of multithreading that increased the speed of a report generation. I created new ASP.NET Razor pages with jQuery. I used ORM framework Hibernate to retrieve more data from the MS SQL database and display the data on the user interface. I introduced hexagonal architecture to the new parts of the TMID project that are implemented in .NET framework 7.

The result is the delivered implementation of Transport management system TMID with a modern Clean Architecture and improved speed of report generation.

Software design and development

Jquery, IIS, .Net framework, C#, Unit testing, Asp.Net MVC, MSSQL

Software engineer | MEDIQUEST B.V.

10-01-2019 - 01-09-2019

Mediquest is a Dutch company that measures the quality of healthcare.

I had a task to implement a web application that registered the patients that need support in their daily activities. The patients must receive an invitation to fill out the questionnaire about the quality of the provided healthcare.

I worked stand alone on the design and implementation of the web application in ASP.NET Core 3.1 for the registration of user experience of the provided healthcare. I developed the file upload widget to upload a list of patients in a secure data vault. I created a login screen for healthcare providers with authentication in Identity Server. I used Open Id implementation in Identity Server to generate a Bearer Token that can be sent in the email to invite the patient to fill out the questionnaire.

As a result, the web application PREM District Nursing Care is used collect answers about the quality of healthcare and provide PREM (Patient-Reported Experience Measures) scores.

Software design and development

.NetCore, jQuery, knockout.js, Asp.Net MVC, C#, IIS, MSSQL

Software engineer | Previous work experience

2018 ACTIVE WEBCOMMUNITY SERVICES B.V.: Backend software engineer.

2016 – 2018 CHIPSOFT B.V.: Backend software engineer.

2015 – 2016 XTENSIONAL B.V.: Full-stack software engineer.

2015 SCANMAR B.V.: Full-stack software engineer.

2013 - 2014 NIBC MARKETS N.V. Backend software engineer.

2013 PETROTECHNICAL DATA SYSTEMS B.V.: Full-stack software engineer.

2011 – 2013 CANON MEDICAL INFORMATICS B.V.: Full-stack software engineer.

2009 – 2011 TELFORT B.V.: Full-stack software engineer.

Training

Xebia Academy Web Application Security (2021)

Communication Training (2020)

Scrum Master (2010)

Certifications:

Foundations of UX Design (2023)

AZ-900 (2023)

PSM 1 (2023)

Forward Incubator (2022)

Digital Entrepreneurship (2022)

Statsexamen Nederlands Nt2 (2012)

Competences

Agile software development (10+ years)
Azure Cloud development (5+ years)
Kubernetes (3+ years)
Representational state transfer (REST) (7+ years)
Website development (15+ years)

Azure CI/CD (5+ years)
Angular, Vue 3, React (6+ years)
RxJS, NgRx, Redux, ContextAPI (5+ years)
Presentation (15+ years)
Javascript, TypeScript (7+ years)
C# (15+ years)
PHP (3+ years)
Python (5+ years)
GoLang (5+ years)

Activities

Alesya's hobby is reading.