Alexandru-Dan Pop

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Summary

I'm a Software Engineer with expertise in:
Frontend: React, Redux, HTML5, CSS3, SASS, Typescript, ES6+
Backend: C#, .NET Core, SQL, REST API

Created software that helps the future growth of companies from different industries like benefits management, automotive, insurance, data quality and data analytics.

In my latest projects, I was responsible for everything frontend related.

Experience

SHE **Senior Software Engineer**
SHE Informationstechnologie AG
May 2018 - Present (2 years 4 months +)
Stack:
React
Redux
Typescript
Semantic UI
Jest, React testing library
.NET Core
C#
Docker
Kubernetes

Responsible for the Frontend design and architecture of a Master Data Management application. Made the team more productive by creating API designs, clarifying features, and making sure I was the go-to person for any clarification UI/UX related.

Features vary from:
- authorization & authentication (OIDC)
- rich and customizable data visualizations
- data cleaning flows
- editable workflow diagrams for dynamic data processing pipeline
- administration & configuration
- multi-language

Daily tasks range from coding, unit testing, creating designs and documentation, code reviews, helping peers, designing new public-facing APIs, CI/CD.

Lead a small frontend team.

Software Engineer
COERA
Mar 2016 - May 2018 (2 years 3 months)
1) Web analytics platform with features such as data visualization, charting and big data processing. Fully responsible of the frontend side
Stack:
React
Redux
Javascript, ES6+
Jest, Enzyme
ASP.NET Core
IdentityServer
MongoDB.

2) Insurance Management Platform
Stack:
Web APIs
Microservices
RabbitMq
WCF
Identity Server
SQL databases
Entity Framework
ReactJs
Javascript, ES6
Redux
HTML5
CSS3

Responsibilities vary from requirements gathering, facing customers, planning, providing estimates, coding, unit testing, performing code reviews, continuous integration & deployment, helping peers.

.NET Software Developer
Fortech
Feb 2015 - Mar 2016 (1 year 2 months)
Full Stack Desktop applications development using .NET for market leader automotive company.

Managing both legacy code and creating new application modules.

Migration of legacy VB6 plugin applications to .NET.

Integrating the client application with Web Services.

Oracle DML / DDL / PL-SQL - extending the existing database, managing multiple environments, performing CRUD operations using ADO .NET.

Performing and integrating high speed SQL transactions using Linux server programmed in C.

Creating estimations for new software features and managing deadlines.

Clarifying issues and open points with the customer.

Continuous integration using TeamCity.

Product Analyst
Thomsons Online Benefits

Mar 2014 - Feb 2015 (1 year)
Offering 3rd line support for the product, solving escalated incidents.
Investigating and solving 3rd line incidents related to the product, offering root cause analysis and workarounds for various issues, and logging bugs with the development team.
Performing SQL queries on the database to solve incidents and creating SQL code to correct corrupt data.
Investigation of error logs.
Investigation of front end code.

Intern
Arhimedes

Jun 2013 - Sep 2013 (4 months)
Basics of Webdesing programming : HTML, XML, CSS, Javascript
Developing a website that implements new web technologies (JSon, AngularJS, Google API)
Diagnostics of site performance using and inspecting file transfer using Fidler 2.0

Education

Technical University of Cluj Napoca
Bachelor's Degree, Information Technology, Telecommunications, Electronics

2010 - 2014
My inclinations where towards photovoltaics as power generators, subject of my Bachelors Degree Paper.
I studied a lot and coded microcontrollers in C, also studied and applied projects image processing and video editing.

Colegiul National Gheorghe Sincai - Baia Mare
High School, Mathematics and Informatics

2006 - 2010

Skills

React.js • ASP .NET Core • C# • Requirements Analysis • Requirements Gathering • Software Development • JavaScript • ASP.NET MVC • ASP .NET Web Forms • Entity Framework