

Aleksandr Agapitov

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EDUCATION

RUTGERS UNIVERSITY
School of Arts and Sciences
B.S. Computer Science
Graduated May 2020
New Brunswick, NJ

LINKS

Github:// [aleksvagapitov](#)
LinkedIn:// [aleksvagapitov](#)
Blog:// [aleksvagapitov](#)

COURSEWORK

COMPUTER SCIENCE

CS419 - Computer Security
CS352 - Internet Technology
CS336 - Principles of Information and Data Management
CS314 - Principles of Programming Languages
CS344 - Design and Analysis of Computer Algorithms
CS323 - Numerical Analysis

MATHEMATICS

MATH354 - Linear Optimization
MATH251 - Multivariable Calculus

SKILLS

PROGRAMMING

- C#
- Javascript
- Bash
- Powershell
- Python

FRAMEWORKS/LIBRARIES

- .NET Core
- React.js
- ASP.NET MVC

TECHNOLOGIES

- Docker
- Terraform
- AWS, Azure, DigitalOcean
- Linux, MacOS, Windows

TOOLS

- TeamCity, Travis-CI
- Jira
- Bitbucket

DATABASES

- PostgreSQL, MSSQL, MySQL

EXPERIENCE

TDK ELECTRONICS INC. | Software Engineering Intern

Apr 2019 - May 2020 | Iselin, NJ

Designed and developed applications for Logistics and Distribution Sales Teams. Written in C# .NET, AngularJS and MSSQL

- Shipment Tracker for Logistics Team
 - Used Handsontable Javascript library to Create an Interactive UI
- Opportunities for Approval Workflow for Distribution Sales Team. Representatives create Opportunities for approval by Distribution Sales Team
 - Used Tabulator Javascript library to create an Interactive UI
 - Integrated ability to send Emails upon Approval and Rejection
- Migrated Development and Production Environments from Windows Server 2012 to 2016
 - Migrated IIS, TeamCity, Jira and Confluence Environments
 - Used Powershell to create custom deployment script for deployment to secure production server
- Diagnosed and resolved technical issues

PROJECTS

ACTIVITIES SOCIAL NETWORK Website | Github

Jan 2020 - May 2020

Designed and developed a Social Network Website for recording, sharing and chatting about activities.

- Front-end developed using React.js
- Back-end developed using C# .NET Core 3
- Used Mobx to manage application state
- Used SignalR to implement real time chatting functionality
- Used ASP.NET Identity to manage authentication state via JSON Web Tokens (JWT)
- Deployed to Heroku using Teamcity and Docker

TRIP PLANNER AND RECORDER Github

May 2018 - Dec 2018

Designed and developed website for planning and recording travel.

- Front-end developed using AngularJS
- Back-end developed using C# .NET Core 2
- Created a map consisting of accurate locations of all cities in a Trip using Google Maps API as well as Bing API
- Used ASP.NET Identity to manage authentication state via JSON Web Tokens (JWT)
- Used Entity Framework to query MySQL database
- Deployed to AWS EC2 using Travis-CI and Docker

AUCTION WEBSITE

Jan 2018 - May 2018

A website for creating an action for an item, bidding, buying out and calculating profits

- Implemented using Java with Java Server Pages Extension
- Used MySQL to retrieve information such as SalesReports as well as revenue for a user.
- Deployed to AWS EC2 using Tomcat