# Aleksandr Shelukheev

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## Junior Software Developer, Web Developer

Recent graduate and Software Developer Candidate with skill set and experience in full-stack software development and software design. Scalability and maintainability are very crucial for development, so I try to follow good programming principles while developing. My goal is to develop useful and eye-appealing software products.

### Core Competencies & Skills:

• Web development • Problem solving • Self-learner • Agile methodology • API development
• C# • JavaScript • TypeScript • HTML • CSS
• .NET Core • ASP.NET Core • Node.js • Express.js • React.js • SQL • MongoDB • AWS • Git • Docker

## EDUCATION & PROFESSIONAL DEVELOPMENT

**Advanced Diploma, Software Engineering Technology | Centennial College, Toronto, CA (April 2022)**
*GPA: 4.0/4.5*
*Coursework:* *API Engineering and Cloud Computing, Data Warehousing and Predictive Analytics, Software Security, Data Structures and Algorithms, Database Concepts, Web Application Development, Software Testing and Quality Assurance, Emerging Technologies, Enterprise Systems Integration*

**Bachelor of Science, Applied Physics and Math | Saint Petersburg State University, RU (June 2019)**
*GPA: 3.8/5.0*
*Coursework:* *Computer Simulation in Physics, Computer-Aided Facilities and Systems, Numerical Methods*

## RECENT FEATURED PROJECTS & EXPERIENCE

### WEATHER APP                                                             September 2022
(React, Redux, Node.js, Express.js, Material UI, React-Charts)
- Successfully developed an app that beautifully and graphically shows the current weather, weather forecast and recent tech news.
- Utilized various libraries such as Material UI and React Charts to make app visually appealing.
- Consumed open-source APIs to get weather and news data.
- Reduced the number of HTTP requests by using Redux on client side for state management.

### EXPENSE TRACKER                                                          August 2022
(ASP.NET Core, React, Redux, Material UI, React-Charts)
- Successfully implemented the functionality for addition, removal, and update of the expenses to keep track of expenses and graphically see the expenses.
- Learned and used third-party libraries such as Material UI and React-charts to create visually attractive web app and to speed up the development.

### YOUTUBE CLONE                                                           June-July 2022
(React, ASP.NET Core Web API, Redux, Entity Framework Core, SQL Server)
- Successfully developed a project with the basic YouTube functionality where registered users can upload videos, add videos to favorites, leave comments, subscribe to others.
- Utilized AWS such as Amazon S3 for video storage and DynamoDB.
- Optimized the performance of a system by adding Redux for state management to decrease the number of HTTP requests on backend from client.
- Used Redux for state management to increase maintainability and scalability on the client side

### TASK TRACKER (Team project)                                         January – April 2022
(Node.js, React.js, MongoDB, Express.js)
- In a team of 6 people successfully completed the project in stipulated time using Agile methodology.
- Thoroughly performed testing of API endpoints with Mocha
- Was actively involved in remote team meetings