# ALBERT LIPAEV

## FULL STACK SOFTWARE ENGINEER

## CONTACT

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## SKILLS

**Backend:**
- Node.js, Express.js, Next.js, Dash, Flask, Laravel, .NET
- **RESTful APIs:** Swagger, Postman, Apify, Rithmic API
- **Microservices:** Docker, Kubernetes
- **Task Queues:** Celery
- **ETL:** AWS Snowflake, AWS Glue
- **Testing:** PyTest, Selenium

**Frontend:**
- React.js, Vue.js, TypeScript, Angular.js
- **UI/UX Design:** Figma, Anima

**Database Management:**
- **SQL:** PostgreSQL, MySQL
- **NoSQL:** MongoDB
- **Mobile:** Firebase

**DevOps & Deployment:**
- Git, Azure DevOps
- CI/CD pipelines

**Business Intelligence:**
- PowerBI
- Qlik dashboard Development

**AI & Machine Learning:**
- Training of BERT classification models
- OpenAI API integration
- Hugging Face Transformers
- Small GPT Dialo GPT training
- Tensorflow

**.NET :**
- RESTful API development
- Twilio & SendGrid integration
- Azure Data Factory ETL pipelines development

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## EDUCATION

**Bachelors of Science in Computer & Electrical Engineering**
Washington State University | Pullman, WA

## PROFILE

Result-oriented senior software engineer with over 3 years of experience in full stack web development, specializing in leveraging modern frameworks like React, Angular, and Node.js, as well as C#. Demonstrated proficiency in delivering high-quality and scalable software solutions, adept at leading cross-functional teams through the entire software development lifecycle—from conceptualization to deployment. Skilled in system architecture design and API development, with a focus on incorporating C# into robust, efficient solutions. Recognized for implementing innovative approaches in software design by adopting emerging technologies and best development practices.

## WORK EXPERIENCE

### Full Stack Software Engineer | American Investments LLC | Atlanta, GA | February 2021 - Current

- Specialized in C# and .NET frameworks, focusing on the development of ETL pipelines using Azure Data Factory and creation of RESTful APIs. Demonstrated adaptability and expertise in leveraging Microsoft technologies to optimize data processing and application integration across various domains.
- Engineered an advanced data visualization solution utilizing TradingView Light and PostgreSQL for the Rithmic API, enabling efficient data aggregation and display across various time frames.
- Led the development of a comprehensive database application designed to manage HVAC businesses in the region, employing Docker for containerization and Swagger for API documentation and design.
- Played a pivotal role in the development of an innovative real estate chatbot, designed for text-based communication via SMS using Twilio. The bot was architectured using DialoGPT and integrated multiple Hugging Face transformer models for enhanced conversational capabilities.
- Contributed to the development of a real estate web app, utilizing SwiftUI for the frontend design. Implemented Google Firebase for user authentication and integrated Google Firestore for efficient image storage
- Contributed to a specialized project focused on integrating Oracle NetSuite with QuickBooks to streamline the sales process, enhancing operational efficiency and data accuracy.
- Actively participated in the frontend design of a spa appointment and specialist management application, developed using React.js and launched via Node.js. The project, initially conceptualized in Figma, was meticulously translated into JavaScript code, incorporating Anima for seamless integration. Successfully connected the application to a Swagger-powered backend, ensuring robust functionality and user-friendly interface.

## PROJECTS

**BoomSwap**
- **Stack:** Typescript, Node.js, Figma, Solidity, GraphQL
- **Project:** https://boomswap.finance

**AlphaPay API**
- **Stack:** C#, Asp.NET
- **Project:** https://github.com/Endeavour-Innovations-Inc/AlphaPay

**Cronos Chain Triangular Arbitrage Bot**
- **Stack:** Python
- **Project:** https://github.com/Endeavour-Innovations-Inc/CronosArbitrageBotV2