

# Albert Aghajanyan, Software Development Engineer

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## CONTACTS

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## SUMMARY

Software Development Engineer with over 7 years of work experience, with more oriented in front end development. Over 5 years of experience in Node.JS, JavaScript/TypeScript, React.JS. Familiar with Java, Bash, Python, C/C++. Solid experience and understanding of functional programming, OOP, and design patterns. Designed database schemas with complex entity relationships. Utilized Agile/Scrum methodology to manage full life-cycle development of the project. Self-motivated, hardworking individual and has ability to work in a team and independently in any environment.

## TECHNOLOGY SUMMARY

|                           |   |
|---------------------------|---|
| <b>Project management</b> | Planning, estimating, executing, managing and supervising teams, risk planning, cross-team collaborations   |
| <b>Languages:</b>         | TypeScript, JavaScript, HTML/CSS.<br>Familiar with Java, Bash, Python, C/C++.   |
| <b>Frameworks:</b>        | Node.JS, Nest.JS, Express.JS, React.JS, Next.JS, MUI, Antd, Bootstrap, Redux, Redux Thunk, Redux Toolkit, RTK Query, MobX, React Query, React Hook Form, GraphQL, Socket.io, WebSockets |
| <b>DBMS:</b>              | PostgreSQL, MySQL   |
| <b>ORMS:</b>              | Sequelize, Typeorm  |

|                       |   |
|-----------------------|---|
| <b>Tools:</b>         | Git, VIM, JIRA, Confluence, Github, Bitbucket, Visual Studio Code, Xcode, Jenkins, Appium, Maven, npm   |
| <b>Methodologies:</b> | Object-Oriented Programming, Design Patterns (Singleton, Factory), Architectural Patterns (MVC), Generic Programming, Agile/Scrum Methodology |
| <b>Other:</b>         | Webpack, Docker, nginx, AWS, S3, Linux, macOS, UX/UI,   |

## TECHNICAL SKILLS

### Project management

- Mediation and problem-solving
- Estimating developers task and projects
- Communicating with other teams
- Resolving different technical issues
- Providing code review and best practices
- Managing and supervising teams

### JavaScript \ TypeScript

- Server-side development (Node.JS, Express.JS, Nest.JS, PostgreSQL/MySQL, Sequelize)
- Client-side development (React.JS, Next.JS Redux, Redux Thunk, Redux Toolkit, RTK Query, MobX, React Query, React Hook Form, GraphQL, Socket.io, WebSockets, Material-UI, Ant, Bootstrap)
- Interactive UI implementation (/React Query/Axios/Fetch/API/WebSockets)

### DB: PostgreSQL, MySQL

- Design complex, normalized database schemas
- Development of triggers, design of indexes, and foreign key constraints for referential integrity

**Development methodologies** (Object-Oriented Programming, Design Patterns (Singleton, Factory, Builder), Architectural Patterns (MVC), Generic Programming, Agile/Scrum Methodology)

## PROFESSIONAL EXPERIENCE

### **Zealous (Instigate mobile)**

*September 2017 – January 2019*

#### **Software Development Engineer**

UI testing of web and mobile apps.

Used languages and technologies: Swift, XCTest, Java, Maven, Git, Cucumber, Selenium, Appium, Confluence

### **Zealous (Instigate mobile)**

*January 2019 – September 2019*

#### **Software Development Engineer**

A system that allows companies to manage projects and employees. Quickly find suitable employees for new projects.

#### Responsibilities:

- Maintained frontend components
- Maintained backend
- Conducted code reviews;
- Fixed bugs;
- Provided daily report.

Used languages and technologies: JavaScript, Node.JS, React.JS, Redux Thunk, Antd, Express.JS, PostgreSQL, Sequelize, Git.

### **Zealous (Instigate mobile)**

*September 2019 – January 2020*

#### **Software Development Engineer**

Developed a system for moving things. Created 3 dashboards.

1. Agency dashboard (used by drivers)
2. Client dashboards (used by users who have things to move)
3. Customer dashboard (administrators used to manage the entire transportation process)

#### Responsibilities:

- Designed the frontend part of the application;
- Designed user experience, user interaction, responsive design,

- Performed work estimations.
- Provided monthly report.

Used languages and technologies: JavaScript, React.JS, Redux Thunk, SCSS, Google Map, Git.

### **Zealous (Instigate mobile)**

*January 2020 – July 2022*

#### ***Software Development Engineer***

A system for buying various products from freezers using a QR code.  
Developed different workspaces for different types of users (admins, providers, users...).

#### Responsibilities:

- Designed and implemented the web app and database;
- Provided daily report.

Used languages and technologies: JavaScript/Typescript, Node.JS, React.JS, Axios, MobX, MUI, Express.JS, Sequelize, MySQL, Git, AWS, docker, nginx WebSocket.

### **Flexy Global**

*July 2022 – August 2023*

#### ***Senior Software Development Engineer***

A system for obtaining a state certificate for different types of companies.  
Developed different workspaces for different user types (30+ user types).

#### Responsibilities:

- Designed and implemented the web app;
- Designed user experience, user interaction, responsive and perfect pixel design,
- Performed work estimations.
- Provided daily report.

Used languages and technologies: JavaScript/Typescript, React.JS, Next.JS, React Query, React Hook Form, GraphQL, MUI, Webpack, Git, Bitbucket, AWS, docker.

## EDUCATION

**Bachelor's Degree in Computer Science and Informatics**  
*State Engineering University of Armenia*