

# Andrei Kusakin

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Boston, MA

## EDUCATION

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### Western Governors University

2023

BS, Software Engineering

Relevant Coursework: JavaScript Programming, Advanced Java, Data Structures and Algorithms, UI/UX Design

## CERTIFICATIONS

**AWS Certified Cloud Practitioner**, Amazon Web Services Training and Certification

2023

**ITIL Foundation Certificate in IT Service Management**, PeopleCert

2023

## WORK EXPERIENCE

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### Atomic Inc.

November 2023 – Present

Junior Frontend Developer

Boston, MA

- Developed and designed interactive web pages leveraging React for efficient and user-friendly experiences.
- Utilized React-Router for seamless navigation and page rendering within the application, enhancing user engagement and application flow.
- Enhanced the responsiveness and mobile compatibility of existing web pages and components, ensuring optimal usability across various devices and screen sizes.
- Integrated cookies for secure JWT storage, reinforcing application security and user authentication processes.

## TECHNICAL SKILLS & PROJECTS

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**Programming:** JavaScript, TypeScript, Python, Java, SQL

**Tools:** React, Three.js, Spring Boot, Express, REST API, Git, Tone.js

**Design:** Figma, Photoshop

### [VisionVault](#)

- Developed a platform specifically tailored for delivering and sharing photos to clients.
- Utilized Spring Boot for robust backend development.
- Implemented Spring Security for robust JWT token-based authentication, ensuring secure user sessions.
- Crafted an interactive and user-friendly frontend using React JS.
- Deployed the platform via AWS App Runner using a Docker container.

### [PolyScope](#)

- Developed a web polyphonic synthesizer equipped with dynamic 3D visualization.
- Integrated Three.js to create engaging and interactive 3D visualizations that react to audio inputs, providing users with real-time feedback on sound modulation.
- Utilized Next.js to build a responsive and interactive user interface, optimizing the web application for performance and scalability.
- Designed and managed a PostgreSQL database using Prisma to store user presets and settings.
- Utilized **Tone.js** for advanced audio synthesis, enabling polyphonic capabilities and sound modulation.

### Photo Portfolio

- Developed a personal photo portfolio website to exhibit photography work.
- Leveraged React JS for a smooth and dynamic user interface.
- Incorporated dynamic animations with the help of Framer Motion.
- Integrated AWS S3 for efficient and reliable photo storage.

### REFERENCES

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**John Hall**  
CEO of Atomic

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310-994-4174