

# Malik Teague

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## SKILLS

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**Programming Languages:** Python, Java, JavaScript, TypeScript, C#, HTML, CSS

**Frameworks:** React.js, Next.js, React Native, Express.js, AWS, Flask, .NET

**Cloud & DevOps:** AWS (ECR, ECS, S3, Load Balancing, RDS, R53, CloudFront), Docker, Kubernetes

## WORK EXPERIENCE

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### BIBLISH

Chicago, IL

Software Developer

April 2024 – Present

- Developed publication and playwriting software for over 300 active writers and readers using React and Next.js
- Improved UI/UX and optimized frontend-server communication for enhanced user experience
- Collaborated closely with the founder, handling both operation and engineering responsibilities
- Implemented a CI/CD pipeline for efficient and consistent software deployment
- Applied principles from “Lean Thinking” and “The Machine that Changed the World” to streamline development

### THE BLACK SHEEP

Chicago, IL

Software Developer

August 2023 – April 2024

- Engineered web forms and data tables using Javascript and Flask, streamlining inter-departmental workflows
- Enhanced existing tools by implementing new features and fixing bugs, increasing departmental productivity
- Coordinated remotely with team leaders to align on objectives, ensuring 100% on-time project completion
- Managed relational databases and EC2 instances on AWS to handle multiple tasks across platforms efficiently

## EDUCATION

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### ARIZONA STATE UNIVERSITY

Tempe, AZ

Bachelor of Science, Computer Science

December 2023

**Cumulative GPA:** 3.5/4.0

**Relevant Coursework:** Database Systems, Distributed Cloud Computing, Design & Analysis of Algorithms

## PROJECTS

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### A SPECIAL AFFAIR

Full Stack Web Application Created with Next.js

- Architected a responsive web application in Next.js for a women's dance studio, optimizing UX for multiple device sizes
- Integrated Firebase to dynamically manage and store user data, scaling to accommodate up to 1,000+ active users
- Employed webhooks to log each sign-in, bolstering security and aiding in real-time user activity monitoring
- Incorporated Stripe API to enable secure purchases of three access passes, boosting revenue streams by 25%
- Orchestrated the project from ideation to deployment, maintaining open channels for stakeholder feedback

### CLOUD-VISION PHOTO ANALYZER

Cloud-based Service Built Using AWS Lambda and Amazon Rekognition

- Engineered a serverless app using AWS Lambda and Amazon Rekognition to analyze photos for objects, scenes, and faces
- Triggered real-time image analysis upon uploads, guaranteeing responsive user experiences
- Constructed a React-based user portal integrated with AWS SDK, facilitating API calls for photo uploads and analysis
- Assembled a workflow using AWS Step Functions, ensuring seamless upload, analysis, and storage operations
- Monitored system health using AWS CloudWatch, enabling automated alerts for anomalies or system failures

### SONG FINDER

Single-Page-App created with React and styled with Tailwind CSS

- Connected to Spotify's API to fetch songs based on user-selected genres, accessing a catalog of 80 million tracks
- Synchronized with the YouTube Data API to return corresponding video results for songs fetched from Spotify
- Enforced user authentication through Spotify, establishing a secure user-access protocol
- Handled real-time data display through async/await operations for API calls to both Spotify and YouTube