

DHRUV TIWARI

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AWS Cloud	Amplify, DynamoDB, AppSync GraphQL, Lambda, Kinesis and Pinpoint, S3, OpenSearch, CloudFormation, AWS Batch
Google Cloud	Firestore, Cloud Functions, Realtime Database, Algolia Search
Languages	Python, Javascript, C++, React.JS, Ionic React, Next.JS, PostgreSQL

PROFESSIONAL EXPERIENCE

MeetYourClass Inc. Jul 2023 Onwards
Head of Software Ann Arbor, MI

A VC backed social networking platform connecting students and creating communities. Available on Web and as responsive webapp on Mobile devices. Live in beta mode, the platform has 250,000+ users already signed-in.

- **MYC Premium:** Designed and developed MeetYourClass Premium, a feature encompassing multi-level client authentication, secure Stripe-integrated payment portals, server-side rendering for premium user pages, and multiple privacy modes for disabling user activity tracking.
- **User Split-Testing:** Introduced and Implemented A/B split testing across the board, with a MRR increase of 33% over various user segments by almost doubling percent-buyers and customer-to-user ratio.
- **CI/CD Processes:** Established and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines to automate testing and deployment of code changes, ensuring high-quality and timely releases.
- **Direct Messaging Platform:** Lead the development of real-time chat features for students to connect 1-1, implemented as "groups" and "rooms" for future extensibility to group chats. Leveraged Firebase RealtimeDB, Storage, and Algolia OpenSearch for persistent messages, attachments, and searchability.

Audion Technologies Jun 2022 - Jul 2023
Founder - Full Stack Development Atlanta, GA

Founder of Glimpz, app for music discovery through snippets, playlists, and communities. The app is live as glimpz-it.com.

- **AWS Micro-services:** Leveraged AWS Amplify to model an integrated application using DynamoDB. Appsync GraphQL, AWS Lambda Micro-services, S3, and Opensearch. Python and Node.JS for implementation.
- **Music Data Management:** Designed and Developed back-end jobs on Amazon Batch to crawl and update trending music from multiple open data sources Musicbrainz, Twitter, YouTube, and Top playlists of last 100 years. Manage a repository of 20 million songs with 50000 songs getting added each week.
- **Ionic React, AWS CloudFront Front End:** Ionic React based single codebase to deploy Web, IOS and Android apps. AWS Amplify, CloudFront and GitHub actions-based CI/CD deployments.

Podcast Web App Nov 2021 - May 2023
Lead Software Developer (Contract) Atlanta, GA

A simple web app for managing podcast uploads, updates and preview functionality.

- Developed for a (confidential) enterprise client for their internal podcast artefact management.
- **Technologies:** AWS Amplify, Lambda, DynamoDB, Appsync GraphQL, Cognito, S3, and ReactJS

EDUCATION & AWARDS

- **Amazon and Hashnode Hackathon:** Secured second prize amongst 1000+ participants for a AWS Amplify Hackathon.
- **Cloud Application Development on Coursera:** Completed a four course module on Coursera (March to May 2022)
- **Relational DB and SQL on eDX:** Completed course on Database management (May 2022)
- **BS in ECE** at UofM (Ann Arbor):