# Junaid Maknojia | **Engineer**

281-818-0062      junaidmaknojia786@gmail.com      Portfolio      Github      LinkedIn

## SKILLS

React, Redux, Next.js, Python/Flask, Javascript, Typescript, Jest testing, Java, HTML5, CSS3, SQL, Postgres, GraphQL, Hasura, Docker, REST APIs, WebRTC, Auth0, Mediapipe, Sendgrid, Redis, Material-UI, Figma, Hubspot CRM, Heap.io, Snowflake, Twilio, AWS, Git, Adobe Suite, Autodesk Suite

## EXPERIENCE

**Software Developer**

*Bongo Media*                                                                                           September 2021 - Present

- Implemented Google APIs for Oauth2 access token, calendar, sheets, and service accounts
- Led team in splitting legacy application into two microservices while maintaining code base and integrity
- Coordinate between project and tech team to translate client needs into uniform user stories and design
- Generate Graphql queries and mutations from Postgres database using Apollo hooks and server-side calls
- Create algorithms to map user and session data from AWS EC2 server for client dashboard features
- Designed URL encryption and decryption methods to configure secure session experience for various clients

**Full Stack Engineer**

*CADFlow*                                                                                           September 2021 – February 2022

- Translated Figma design for settings portal into React to prototype and test user-friendly, functional features
- Embedded Stripe API, Auth0, AWS Lambda functions and DynamoDB data into settings portal component
- Refactored legacy code into smaller reusable React components and advanced React hooks to reduce excessive states
- Iterated on product page design with UI/UX designer and incorporated external packages and Jest testing for builds
- Assisting in designing GSIs for NoSQL database to retrieve user settings and create batch file upload functionality to reduce 100+ hours of customer upload time

**Full Stack Engineer**

*LevelUp*                                                                                           May 2021 - Present

- Collaborated with a cross-functional team of designers, marketing and mobile app developers to generate a web and mobile application for young female professionals to connect with mentors in their field
- Deployed Python/Flask app on AWS Beanstalk to communicate with Cloudfront frontend using Postgres RDS
- Implemented agile practices to incorporate user feedback into the iterating functions of the application
- Created CI/CD pipeline for Github push to Docker container to build React application on AWS EC2 server

## PROJECTS

**Snack**  (React, Python/Flask, Postgres)                                                                 live | github

*Slack clone with channels and group DM features*

- Virtually collaborated with a cross-functional team of four across the country to design a backend and frontend framework and determined an optimal workflow
- Customized a query algorithm to parse nested arrays for boolean result, avoiding $O(n^2)$ race condition
- Experimented with Flexbox / Grid combinations to replicate Slack channel + users list with dynamic button rendering
- Incorporated Socket-Io integration with Flask to adapt to Slack DM and Channel messaging and user experience criteria

**Mach1Harmony**  (React, Express.js, Postgres)                                                              github

*SoundCloud clone using ReactJS and AWS for song storage*

- Utilized Agile process to design a music playing application and test for continuous song playback throughout app
- Subscribed to AWS S3 storage services for audio and user image uploads and safely stored links in database
- Designed social feature between users including song likes, song comments CRUD, and user following/followers
- Optimized search feature to return song, album, artist, and/or user that matches any permutation of search term

## EDUCATION

**Full Stack Software Development -** *App Academy  |  May 2021*

**BS Mechanical Engineering -** *University of California, Berkeley  |  2014 - 2018*

- *Minor: Global Poverty and Practice*