# KASH SOMANI

SOFTWARE ENGINEER ☎ 4135121587

## DETAILS

4135121587
kash@kashsomani.com

## LINKS

kashsomani.com

github.com/kashsomani

linkedin.com/in/kashsomani

twitch.tv/peanut_official

## SKILLS

Agile Development

JavaScript

HTML

CSS

Java / Spring Boot

Node.js

Express.js

React

Svelte.js

Tailwind

Docker

Git

MongoDB

Vue 3

Python

Pandas / Numpy

Tensorflow

SQL

Firebase

Vercel

Heroku

Cloudflare

## HOBBIES

Chess, Guitar, Board Games, Sketching, Video Games.
I love playing Rocket League and I stream on Twitch

## EDUCATION

**B.S Computer Science and Mathematics, University of Massachusetts at Amherst, GPA:3.72**
September 2017 — May 2021

**Relevant Coursework:**

Machine Learning, Web Programming, Scalable Web Systems, Search Engines, Principles of Data Science, Algorithms, Advanced Calculus, Statistics I & II. Abstract Algebra

## EMPLOYMENT HISTORY

**Associate AWS Data Engineer at Liberty Mutual, Seattle**
April 2022 — Present

- Developed tools to automate Alation queries and tagging, and to make bulk changes to Bamboo pipelines
- Built Cloudforge Templates to deploy EC2 instances
- Ensured continued support and upgrades of AMIs to enforce and ensure adherence to security guidelines

**Founder and CEO at Sclink Cloud Technologies, Mumbai**
January 2021 — Present

- Founded a non profit Cloud solutions company to help schools leverage cloud technologies in India
- Developed public websites and internal software (notification systems for parents and students) for schools like Learners' Academy
- Collaborated with clients, interns, and employees constantly, to deliver the best possible products using AGILE methodologies

**TechStart Associate at Liberty Mutual, Seattle**
September 2021 — April 2022

- Developed internal software for Customer Service Representatives
- Built a REST API using Express.js, while integrating with Auth0 for authentication
- Constructed a front-end interface using React.js, while prioritizing accessibility and company's design patterns

**TechStart Intern at Liberty Mutual, Portsmouth**
June 2020 — September 2020

- Developed REST APIs to facilitate the construction of a company made ticket management system
- Constructed a frontend UI in Vue.js to enable users to query and test the APIs
- The work included constant collaboration with other team members, and I had the experience to work in Agile for the first time

**Computer Science Teacher at Learners Academy, Mumbai**
May 2018 — October 2018

- Aided students with ICSE board projects
- Administered and graded tests
- Designed a totally new course structure to comply with the changing ICSE syllabus

## PERSONAL PROJECTS

**Image Compression with Unsupervised Learning**
May 2020

- Compressed sets of facial images using K-Means Clustering and Principal Component Analysis (PCA)
- Constructed a method of evaluating reconstruction error rate and used these results to determine the optimal parameters