

# AGAM JOLLY

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## EDUCATION

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**University of California, Berkeley**  
B.A - Computer Science and Applied Math

Berkeley, CA  
Aug 2019 - Jun 2022 (exp.)

**MIT LaunchX**  
Summer Program - Full Ride Scholar

Evanston, IL  
Jun 2018 - Aug 2018

**Mayor World School**  
High School Diploma - Sciences

Jalandhar, India  
Mar 2005 - Mar 2019

## WORK EXPERIENCE

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**Stellar Corp**  
*Founder and CTO*

Jalandhar, India  
Oct 2016 | May 2019

- Founded a creative agency in my city that develops websites, web apps and mobile apps. Led the company to a massive growth in recent years, with clientele extending from Uganda and India to Canada, UK and the US.
- Extensively made dashboards and websites using PHP, React.js, Node.js and handled databases using MongoDB. Hosted four employees and two marketing interns from all corners of the world.
- Had the privilege to work with Sodexo to design a front-end website for a service. Built RESTful APIs for a cryptocurrency-based startup to actively fetch data.

**Eli Sleep**  
*Founder and Software Engineer*

Evanston, IL  
Jun 2018 | Sep 2018

- Developed a sleep-tracking toy for kids with an electrical Arduino board interior, connected to a cross-platform app that uses a neural network and decision-tree algorithms to analyse the data it collects, giving feedback to parents on the app.
- Handled finances and investments which geared the company in line to get nearly \$130,000 in funding from angel investors in Chicago.
- Worked with Prof. Kristen Krutson at Northwestern University to research about sleep disorders in children. Used research data with NodeBots and deployed the backend on AWS.

**Mayor World School**  
*Head Boy*

Jalandhar, India  
Jun 2018 | Mar 2019

- Elected as the student body's head representative to manage affairs and delegation on behalf of the school at various events.
- Created a secure PHP and AJAX-based responsive form that allowed students to report mishappenings to the school authorities. Set filters to automatically flag offensive emails.
- Managed and processed several demanding tasks and held meetings with other student council members. Inducted other members in the student council with the help of teachers.

## PROJECTS

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### **CalMeme** *JavaScript*

A Chrome extension built for people wishing to relate to the popular meme culture at UC Berkeley. The extension works by replacing popularly used keywords to meme-like texts on webpages.

### **Aankhein** *React Native, Thunkable*

Created a cross-platform app that identifies objects, people and their emotions in real time. Used Microsoft Azure's cognitive service API and integrated it with the UI of the app.

### **Adeona** *Java*

Created a native Android app allowing women and children to opt for safer walking paths at night. Implemented an algorithm that identified safer navigational routes on the basis of large data sets.

### **Easy Japji Sahib** *Java, HTML, CSS*

Developed a native Android application that enables people to read religious texts with ease using a web-based UI. Built for old people and people with disabilities to pray, record and play audio.

## SKILLS

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**Languages:** JavaScript, Bash, Java, HTML, SQL, CSS, Python (familiar)

**Frameworks:** React.js, Node.js, Angular, Vue.js, MongoDB (familiar)

**Technologies:** Git, LaTeX, AWS (familiar), Docker (familiar)