



# ASHMIKA BALLAMUDI

Enthusiastic and hardworking college student working towards a degree in Computer Science. Seeks opportunities to leverage structured thinking to drive performance in software and web-based applications. Able to conceptualize and deploy valued applications from system-level perspective, 'big picture' view and multi-perspective thinking.

## WORK EXPERIENCE

Summer Intern - Sociaocats.co | May 2017 - June 2017

- Designed XML layouts for the soon to be published application NotesDiyo.
- Worked on the enhancement of the app's User Interface.

## SKILLS SUMMARY

- **Language**  
Python • Java • C++ • HTML5 • CSS3 • XML • LISP • MIPS Assembly Language
- **Web**  
ReactJs • NodeJs • JavaScript
- **Database**  
MongoDB • MySQL • Firebase • SQLite3
- **Libraries**  
Redux • JQuery • Express • Axios
- **Python**  
Keras • Tensorflow • OpenCV • Pandas
- **Cloud**  
AWS • Docker • Kubernetes
- **Other Technologies**  
Django • Github • Bootstrap • Material-UI
- **Soft Skills**  
Communication • Flexibility • Teamwork • Problem-solving • Critical thinking

## PROJECTS

- **speakMind**: <https://speak-mind-726ff.web.app/login>
  - ReactJs, Firebase, Express, Redux, Axios and Material-UI.
  - Developed a social Media Application where you can post your thoughts, like and reply on other people's speakMind comments and also edit your profile.
- **foodSearch**: <https://food--search.herokuapp.com/>
  - NodeJS, Webpack, Babel, Heroku, Axios, Express
  - Developed a food search application that interacts with the forkify API to fetch and display recipes and also allows you to add items in cart.
- **Super Stuff**: <https://github.com/ashmika-26/Super-Stuff>
  - NodeJs, MongoDB, Mongoose, Express, PassportJs
  - Developed a dummy online Retail Store, where user can browse products, add them in cart and purchase them.
- **To-do It!**: <https://todoit.pythonanywhere.com/>
  - Django forms, Html5, Css3, Bootstrap and SQLite 3.
  - Developed a To-do list application that allows user to signup/login so as to manage their daily chores efficiently.
- **Emotion Melody**: <https://github.com/ashmika-26/Emotion-Melody>
  - Python Libraries- Keras, tensorflow, opencv, Tkinter, pandas and numpy
  - Developed a real-time Emotion detecting Music Player that uses local webcam to detect emotions and play music locally based on user's facial expressions.

## CONTACT

- Milpitas, CA 95035
- [ashmikaballamudi@gmail.com](mailto:ashmikaballamudi@gmail.com)
- <https://ashmika-26.github.io/Portfolio/>
- [www.linkedin.com/in/ashmikab](https://www.linkedin.com/in/ashmikab)
- <https://github.com/ashmika-26>

## EDUCATIONAL HISTORY

California State University East Bay, Hayward CA  
B.S. Computer Science | August 2018 - May 2022

- Current GPA - 3.852
- Dean's List [Spring Semester 2019, Fall Semester 2019, Spring Semester 2020]
- Member of University Honors Program [UHP]

Delhi Public School Vasant Kunj, New Delhi India  
High School Diploma | Graduated May 2018

- Grade 12th GPA : 9.2/10
- Proficiency Holder

## RELEVANT CLASSWORK

- Computing & Responsibility
- Computer Science I (Python)
- Computer Science II (C++)
- Discrete Structures
- Num Alg & LA for CS
- Computer Org & Assembly Language
- Data Structures and Algorithms
- Programming Language Concepts
- Computer Architecture
- Website Development
- Software Engineering

## RESPONSIBILITIES & VOLUNTEERING

- Student Intern at HUDS - Parent University
- Event Leader at Indian Student Association, CSU East Bay.
- Computer Teacher Assistant for underprivileged children at 'S.D.M.C NIGAM PRIMARY VIDYALAYA', India [ 2017 ]

## HOBBIES

- Dance [National Level Winner], Cooking, MUN, Hiking