Aakarsh S

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OBJECTIVE

Computer science undergraduate student with experience developing and testing mobile applications. Seeking a job position as a Software developer or engineer, bringing the ability to learn new technologies quickly and work within teams.

EDUCATION

- **Vellore Institute of Technology** — Vellore, India
  Bachelor of Technology - Computer Science; GPA: 7.92 — *July 2017 - Present*

- **Delhi Public School, Vasant Kunj** — Delhi, India
  Higher Secondary ; Percentage: 86% — *June 2015 - May 2017*

SKILLS SUMMARY

- **Languages**:   JAVA, Swift, C++, Python
- **Frameworks**:   CocoaPods, Alamofire, CoreData, Firebase, Cassandra
- **Tools**:   XCode, GIT, Postman

EXPERIENCE

- **TapIn - tapin.news** — Remote
  iOS Developer Intern — *October 2019 - May 2020*
  - **Caching**: Caching of data for offline access using CoreData.
  - **OAuth 2.0**: Integrated OAuth login for multiple social media platform including LinkedIn, Google, Twitter & Facebook
  - **Social media features**: Implemented social media features like Users,Comments,Follow,Reply,Like.
  - **In-App YouTube**: Integrated In-App YouTube experience when it wasn't natively supported.

- **Maruti Suzuki India Limited** — In-office
  Networking and Application - Trainee (Summer Intern) — *May 2019 - June 2019*
  - **Network Issue Bug resolution**: Was assigned the task of finding out the reason why images and videos on the central server take time to load at the Manesar plant and fix it.
  - **Network Architecture**: Learned and understood the server central architecture followed by the company.

PROJECTS

- **ARCS'19 iOS Application**: This project involved Google Firebase integration and backend API integration with the portal using Alamofire as well as in-app payment and registration. It also served the option of uploading the source code of the work done in the hackathon by the participants (March 2019)

- **Evoluate**: Evoluate was an app that made learning the evolution process fun and easy. It has a very simple UI to make it easy for children to use. A timeline mentioning the name and year of origin of various species is displayed. The app had Firebase integration for data handling (May 2019)

- **Oxygen Delivery System (Data Structures and Algorithm)**: A project to optimize delivering of oxygen cylinder at 'n' randomly chosen hospitals in the city of Chennai by a single delivery agent using genetic TSP Algorithm and nearest neighbour Algorithm.(January 2018)

- **CleanUp - A sanitation tool(In Progress)**: An application where people can mark the places where there is garbage and the workers can either go and collect from the location itself or our enterprise would provide the services for the 'clean up'. This app was made to cut down middlemen and help rehabilitate patients affected by leprosy.

- **News Article Summarizer**: This project helped to create a summary from a given text/article/journal/story through sentence fragmentation and keyword identification on weighted keywords. The project was built with HTML5, Bootstrap and Python(flask and nltk) (March 2020)

ACHIEVEMENTS

- Manager at ARCS'19 - ARCS is a 4 day technical colloquium planned with the aim of enhancing and building up technical knowledge of the young students. The chapter IEEE CS-VIT conducts events, ranging from a hackathon and a congress to several technical workshops
- Coordinator at ARCS'18

VOLUNTEER EXPERIENCE

- **Core Committee Member at IEEE Computer Society VIT** — Vellore, India
  Conducted technical events to help other fellow students & developed iOS applications — *Dec 2017 - Aug 2019*