
Sarthak Patipati Umesh

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EDUCATION

University of Illinois at Chicago, Bachelor of Science in Computer Science

Dec 2023 (Expected)

PROFESSIONAL EXPERIENCE

Illinois Educators Credit Union, Springfield, IL

Jan 2018 – Oct 2018

Member Service Representative

- Frequently communicated with managers and customers to handle quality assurance.
 - Worked with customers while simultaneously solving IT related problems.
 - Collaborated with 10-15 team members to complete efficient work and bring in top hauls.
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VOLUNTEERING

Habitat for Humanity, Urbana IL

Aug 2019 – Present

Build Site Volunteer

- Assist the Champaign County chapter in house construction projects for at-risk and low income families.
- Volunteer at concession stands during school football games and helped raise over \$1000 - \$2000.
- Helped raise \$100 - \$500 each time for the organization through fundraising activities.

Illini Union Board, Urbana IL

Aug 2019 – Dec 2019

Enriching Committee Member

- Advised in the utilization of a \$105,000 budget with the purpose of organizing speaking events.
 - Selected from a pool of 80+ applicants to be one of 12 new committee members.
 - Collaborated with 2-3 other team members within the outreach sub-committee to organize the logistics of large and small scale speaking events.
 - Engaged with various Illini Union stakeholders including soliciting feedback from over 20 different professionals, advisors and students after each event.
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PROJECTS

TikTok Clone, Lead

July 2021

- A beautifully designed replica of the famous and trending TikTok app built with MERN stack (MongoDB, Express, React, Node) and deployed using Firebase and Heroku.

Airport Tracker, Developer

May 2021

- Parses real-world airport and route data from OpenFlights.org to create a custom graph structure for performing operations.
- Finds the shortest path between two airports using Depth-First Search (DFS) Traversal, calculating distance between airports and the total distance of the trip using Dijkstra's Algorithm, and measuring the connectedness of a given airport node using the Normalized Degree Centrality Algorithm.

iNote, Lead

May 2020

- Productivity app built using Java 15 that allows users to take notes and make to-do lists on Android platforms
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SKILLS

- **Tools:** Android Studio, MS Visual Studio, MS Office, Adobe Creative Cloud, Xcode, CodePen, Git
 - **Languages:** Java, JavaScript, Python, HTML, CSS, Swift, Ruby, C++, JSON, Numpy
 - **Soft Skills:** Excellent Communication, Teamwork, Problem Solving, Self-Management
 - **Relevant Coursework:** App Academy Full Stack Course (online), Harvard CS50 (edX), The Odin Project JS Curriculum (online)
 - **Framework, Databases, Cloud:** React, Firebase, Microsoft, Git, Jupyter, Heroku, MongoDB, Express, Node
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