

# Ayna Jain

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## EDUCATION

### University of Illinois at Chicago

*Bachelor of Engineering in Computer Science, Minor in Mathematics*

Chicago, IL

Aug. 2018 – Dec 2021

## EXPERIENCE

### Software Developer Intern : Web and Android Developer

Oct 2020 – Apr 2021

*Pinecone Tech Solutions - (StartUp) , Initial Project - [www.pineconetech.com](http://www.pineconetech.com)*

*Chicago, IL*

- Excelled in rapid application development and management of technological issues for assigned projects, earning the highest customer satisfaction rating for all software solutions delivered.
- Worked on Development, Design and Product Engineering multi-functionally at all phases of the project to systematize user-centered research, which decreased the development process time by 20%.
- Managed Agile driven projects and applied pair programming approach for 15% of the development-time which helped to increase productivity and quality assurance.
- Refactored Java, Javascript and HTML code to achieve clarity for small results while practicing a 5-step test-driven development process to encourage team engagement.
- Led team of three overseeing all aspects of social media strategy, increasing Instagram following by 30%, Facebook by 50% .

### Computer Specialist

March 2019 – Jan 2020

*UIC College of Pharmacy (IT Department)*

*Chicago, IL*

- Provide networking and desktop support, account maintenance and printing assistance to students and faculty. Troubleshooting and resolve complex technology problems as the “go-to” person for IT issues.
- Updated/re-imaged computer systems and software’s while integrating operating system deployment and backup. Set up remote servers for easy servicing and maintenance of Pharmacy customers, employees, and lab PCs. Endpoint management with integrated distribution and administration of OS and software updates to avoid system downtime.

## PROJECTS

### Cloudgile | *React, Firebase, Node.js, Socket.io, Express, Jira, Git*

Jan 2021 – March 2021

- Developed a cloud-based web platform using Firebase serving as REST API with React as the frontend allowing developers and managers to collaborate in agile manner.
- Developed a built-in chat server using Node.js and Socket.io that allows users to communicate amongst each others.
- The platform has a build in Search engine and has ability to merge with git to automate progress.

### Chat App | *Java, JavaFX, JUnit, Maven*

Nov 2020 – Dec 2020

- Created a networked version of a Chat Application which employs a process based concurrency to support multi-client facility, server-sent events for client activity updates and implemented Serializable for holding all the Chat data using Java and JavaFx GUI.

### Airline Passenger Satisfaction Classification | *Machine Learning, Python*

April 2021 – May 2021

- Classifying Airline Passenger Satisfaction dataset on the basis of factors affecting a satisfied or dissatisfied passenger. This project presents the comparison between Binary Classifiers run on a dataset. In particular, the project compares five different classifiers on the data: K-Nearest Neighbor, Gaussian Na ıve Bayes, Decision Tree, Random Forest, as well as Deep Learning/Neural Network.

### SecureConnect | *Node.js, Socket.io, Express, MongoDB and NoSQL, Postman*

June 2020 – Dec 2020

- Developed a full-stack web chat application using Node.js with a data management system using MondoDB and Postman.
- Integrated JWT Authentication which allows a full-flexed authentication system with generating and accepting auth-tokens and hiding the private data to restrict public access to API tokens.
- Integrated Express-based REST API to allow data storage and served MongoDB with Mongoose to model the system data validation for security.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R, PHP, MySQL, Swift(Basic)

**Cloud Services:** AWS(Solutions Architect Associate level)

**Frameworks:** React, Node.js, JUnit, WordPress, Bootstrap, REST API

**Developer Tools:** Git, Docker, VS Code, Visual Studio, Android Studio, MySQL Workbench, Sublime, RStudio, Postman(Application Development tool), Jira,Dream weaver, Adobe Creative Cloud, Adobe Premiere Pro

**Database:** MySQL, MongoDB/NoSQL **Operating System:** Windows, Mac OS, Windows, UNIX(shell Scripting)