

PROFESSIONAL EXPERIENCE

Salesforce, Inc. Hyderabad, India
Software Engineer July 2021–Present

- Improved performance of APIs that fetch from 500ms to 300ms content by changing the database design and using SQL indexing.
- Developed plugins that used generative AI to suggest relevant content to salesforce developers.
- Added user-level and API-level access check flows in Java to create secure applications for over 10,000 users.
- Developed Cron jobs to automate sitemap generation for sites with over 100,000 within a minute using message queues, batch processing and SQL queries.

JP Morgan Chase & Co. Bangalore, India
Associate Software Engineer July 2018– July 2021

- Developed an application that distributed trade assets among multiple banks using the microservices architecture and deployed it to AWS.
- Implemented multithreaded processes for secure and optimized transactions for an application with over 100 concurrent users.
- Designed and implemented the end-to-end functionality of modules using Java, Springboot and ReactJS.
- Maintained and enhanced legacy code using Servlets and Google Web Toolkit (GWT)

INTERNSHIP EXPERIENCE

Intel Incorporation Bangalore, India
Software Engineering Intern Jan 2018– June 2018

- Developed the complete front end of a chatbot using Angular for a smoother user experience.
- Provided insights on the product by creating data visualisation dashboards using Kibana.

Microsoft Innovation Lab Bangalore, India
Software Engineering Intern June 2016– July 2016

- Built an app to detect and identify objects for visually impaired people.
- Integrated the hardware(Raspberry Pi 2) that clicked pictures of objects with the Android app.

EDUCATION

M.S Ramaiah Institute of Technology Bangalore, India
Bachelor Of Engineering Aug 2014 - July 2018
Field: Information Science and Engineering
CGPA: 9.2/10
Capstone Project: Privacy preservation in social networks using sensitive edge weights
Advisor: Sumana Maradithaya

RELEVANT COURSEWORK

Data Structures, Object Oriented Programming, Design and Analysis of Algorithms, Java and J2ee, Software Engineering, Software Systems, Operating Systems, Distributed Systems

PROJECTS

Privacy preservation in social networks using sensitive edge weights

- Researched and analysed ways to preserve the shortest distance in a graph network while changing edge weights.
- Visualized the change in the shortest distance after perturbing edge weights.

Custom Game:

- Built an application that used ReactJs, Node, Firebase and Socket programming to create a custom game that can be played on a socket server ([link](#)) ([Code](#))

Patient Support:

- Built an application to provide community support to patients using Django and Python ([Code](#))

SKILLS

Java, Typescript, Javascript, ReactJS, SQL, AWS, Android Studio, Angular 4

LEADERSHIP AND VOLUNTEER EXPERIENCE

- Managed proceedings at the 10th IEEE International Conference on Advanced Networks and Telecommunications Systems
- Mentored young girls at the Generation Tech event at JP Morgan Chase & Co.
- Software Engineer Program Lead at JP Morgan Chase & Co for the 2018-2019 batch.
- Organized the inter-college tech fest IGNITE-16 at M.S Ramaiah Institute of Technology.
- Managed events at the two-day symposium on Women In Engineering at M.S Ramaiah Institute of Technology.
- Volunteered at the NEN Entrepreneurship Week India - 2015

AWARDS AND SCHOLARSHIPS

- Recipient of the student scholarship at the Grace Hopper Celebration India 17

REFERENCES

Dr. Sumana Maradithaya,
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