Prakriti Sharma

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EDUCATION

Illinois Institute of Technology   **August 2024 - May 2026**

*Master of Science in Computer Science, CGPA: **3.8**/4.0*   *Chicago, IL*

Coursework: Adv. Database, Adv. Operating Systems, Information Security

Vellore Institute of Technology   **July 2019 - June 2023**

*Bachelor of Technology in Computer Science Engineering, CGPA: **8.56**/10.0*   *Chennai, India*

Coursework: Data Structures & Algorithms, Networks & Communication, Image Processing, Microprocessors, Digital Logic

TECHNICAL SKILLS

Languages: JAVA, C, Go, Git, Bitbucket, JIRA

Framework/Libraries: ReactJS, NodeJS, ExpressJS, Kafka, Spring Boot, Bricks, Zookeeper

Web-Tech/Database: : HTML, CSS, Bootstrap, MySQL, Firebase, MongoDB, NoSQL

Operating Systems: : Windows, Linux, Digital Ocean, VPC(Virtual Private Cloud)

EXPERIENCE

Software Engineer Intern   **October 2024 - Present**

Illinois Institute Of Technology   *Chicago, United States*

- Working on research project under professor Wu Hon Leung that focusses on building **Consistency servers**, competing with locks, the project uses **Kafka, Bricks, Zookeper, NoSQL and Java.**

Software Engineer   **June 2023 - July 2024**

Cashfree Payments   *Bangalore, India*

- Collaborated with a team of 10, worked on **cross-platform application**, increased the customer interaction by **40% in 6 months**.
- Gained knowledge about **all products of PG**, brought up revenue hike for **AutoCollect service by 9.8% and Cashgram by 17.6%** through the mobile app.
- Accomplished **100%** automation using **Appium** and integrated **Browserstack** in Python.
- Devised and rendered the Risk Blacklisting and Whitelisting APIs, **product revenue contributed to 8% of the total** within months.

Software Engineer Intern   **September 2022 - May 2023**

Cashfree Payments   *Bangalore, India*

- Teamed up and developed **3 level of blacklisting APIs** expanding the scope of the team up to **25%**, performed perf-test on aggregation APIs.
- Engineered the SR APIs and wrote a script to automate testing, generated revenue accounting up to **15% of the total revenue earned** in 2 quarters.
- Deep dived into commonmerchantsvc, worked on Java version upgrades with **no downtime**.
- Worked on commonauth automation pipeline, automating over **500 testcases in a day**.

RESEARCH PROJECTS

Image Shadow Removal Using Non Shadow Mapping   **January 2023 - June 2023**

MATLAB Software   *[Link](#) | [Github Repo](#)*

- Objective was to extract a lot of sensitive information from images, further used as evidence or to infer some research result, which were hindered by shadows.

ACHIEVEMENTS

- Received an inter organization recognition at Cashfree Payments, **"The Gem Award"** for clear and balanced communication, ensuring the deliverables on time.
- Conferred the **Best Team Award for 4 consecutive quarters**, working under pressure (working with 3 teams simultaneously) and being communicative (working across 4 teams).
- **Over 36 Certifications** from Top Companies and Universities including Cisco, VMWare.
- FAC Coordinator and Secretary for TechnoVit and Vibrance fest, administered team of over forty-five individuals.
- Lead Campaigns in role of Campus Ambassador for universities for instance IIT-H, VIT & more.

CERTIFICATIONS

Microsoft Azure Certification - 200   **Sept 2021 - Dec 2021**

Machine Learning & Azure platform