

# YADHUKRISHNAN PANKAJAKSHAN San Jose, CA

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## SUMMARY

Programming student with a passion for coding and problem-solving with 2+ years of industry experience, seeking internships to contribute to innovative projects and develop practical skills.

## EDUCATION

**Northeastern University**, San Jose, California

Master of Science in Computer Science

Sep 2023 - May 2025

**Anna University**, Chennai, India

GPA: 8.42/10

Bachelor of Engineering in Computer Science and Engineering

Aug 2017 - May 2021

## WORK EXPERIENCE

**Software Development Engineer**

ReactJS, ExpressJS, Jenkins, JCL

Sep 2022 - Aug 2023

**Barclays**

Chennai, India

- Automated testing for external synchronization programs helping save over **\$50,000 annually**.
- Worked on optimizing log retrieval for a devops application and achieved an efficiency boost of **200%**.
- Developed a number of improvements for a DevOps application increasing user impressions by **100%**.
- Streamlined 10+ processes using deployment pipelines for internal usage saving over **\$1000** on a daily basis.

**Graduate Analyst**

COBOL, JCL, VSCode, Sonarqube

Sep 2021 - Aug 2022

**Barclays**

Chennai, India

- Coded transaction marking algorithms that handles over **10000 concurrent users**.
- Created programs for formatting and correcting transaction files with **1000+ lines** passed to internal systems.
- Assisted in testing developer tools like Visual studio code and sonarqube for development and code coverage testing helping coworkers across India involved in mainframe development.

**Software Development Intern**

Ruby, Rails, Javascript

Dec 2019 - Jan 2020

**Tesark Technologies**

Chennai, India

- Developed a fully functional library system as part of learning curve for Ruby on Rails as a framework.
- Worked on a feature for scheduling tasks for employees in an internal application.

## COURSEWORK

- O-O Principles
- Database Management
- Computer Networks
- Internet Programming
- Data Structures
- Operating Systems
- Mobile Computing
- Human Computer Interaction
- Algorithms
- Software Engineering
- Cloud Computing

## SKILLS

- \* **Programming:** Javascript, Java, Python, C, C++, SQL, NoSQL, Typescript, Ruby, Kotlin, R
- \* **Frameworks:** ReactJS, expressJS, Rails, Flask, Django, Spring
- \* **Testing and deployment:** Sonarqube, Google Cloud Platform, Jenkins, Version control(Git)
- \* **Tools:** Visual Studio Code, IntelliJ, Microsoft Office, LaTeX

## PROJECTS

**Social Media Application** | ReactJS, Redux, MaterialUI, ExpressJS

Jan 2020 - Mar 2020

- \* Built a fully functional social media application as part of learning React and Express frameworks.
- \* Integrated the application using a cloud backend by connecting the entire application to a firebase database.

## RELEVANT LINKS

- [codeforces.com \(sunboy99\)](https://codeforces.com/profile/sunboy99) - [leetcode.com \(yk\\_2310\)](https://leetcode.com/yk_2310) - [hackerrank.com \(yk-2310\)](https://hackerrank.com/yk-2310)