

YADHUKRISHNAN PANKAJAKSHAN San Jose, CA

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SUMMARY

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

EDUCATION

Northeastern University, San Jose, California GPA: 4.0/4.0
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

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

WORK EXPERIENCE

Software Development Engineer 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 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 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 | – Web Development |
| – Algorithms | – Software Engineering | – Cloud Computing | – UI/UX Design |

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)