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
— Algorithms   — Software Engineering   — Cloud Computing   Interaction

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) - leetcode.com (yk_2310) - hackerrank.com (yk-2310)