

Sai Praneeth Kurmelkar

352-283-0302 | kurmelkars@ufl.edu | LinkedIn | Git | Portfolio | YouTube

EDUCATION

University of Florida

Gainesville, FL

Master of Science in Computer Science; **GPA: 3.74/4**

August 2022 – Present

Courses - Analysis of Algorithms, Advanced Data Structures, Distributed Operating System Principles, Computer Networks, Software Engineering, Cyber Physical Security Systems, Cloud Computing.

Vasavi College of Engineering

Hyderabad, India

Bachelor of Engineering in Information Technology; **GPA: 3.55/4**

August 2016 – August 2020

Courses - Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Web Development.

EXPERIENCE

Web Developer Intern | Superstars

January 2024 – Present

Angular, HTML, CSS, TypeScript.

Remote, USA

- Faced with a sluggish Admin portal, I optimized the Angular codebase, leading to a **25%** enhancement in responsiveness and user experience, thereby improving the efficiency of the portal for daily administrative tasks.
- Challenged with performance issues, I spearheaded front-end development and initiated design in Figma, enhancing application performance with strategic revisions and troubleshooting, reducing loading times by **40%**.

Associate Solutions Engineer | Pegasystems Inc.

August 2020 – July 2022

PEGA, Java, JavaScript, CRM.

Hyderabad, India

- Responsible for designing, developing, and enhancing features in Customer Decision Hub (CDH) application (SaaS).
- Developed interactive UI using data visualization techniques for a feature called Customer Profile Viewer. Received appreciation and reward for working across teams and delivering top-notch UI in a given sprint time.
- Refactored the base code of customer profile viewer by decreasing the API calls, encapsulating data, removing redundant code, adding error handling techniques and achieved a performance increase of **60%**.
- Managed **15+** client requests, addressing Pegacall issues and re-designed **30+** functionalities as per specifications.
- Improved proficiency in Pega UI development through dedicated collaboration with front-end teams and proactive engagement in design discussions. Achieved a notable **50%** reduction in sprint time for UI-related stories.
- Resolved **100+** internal bugs reported by QA along with severity-1 issues reported by customers within **3** release cycles along with active contribution to provide feedback during code reviews and story demo presentations.
- Proactively enhanced technical skills through workshops, hackathons and knowledge transfer sessions resulting in a **15%** improvement in the adoption of emerging technologies and industry best practices.

PROJECTS

Gator's Hub | React.js, Node.js, MySQL, HTML, CSS.

May 2023

- Addressed the need for a centralized event platform at the University of Florida, I led the development of a full-stack web application, Gator's Hub, enabling **1000+** clubs to promote events and facilitate student registrations.
- Incorporated features like group registration and subscription to clubs to get notified about their future events.

Sociopedia | React.js, Express.js, Node.js, MongoDB.

September 2022

- Designed and implemented a dynamic and user-friendly social media platform using MERN stack.
- Incorporated user authentication, profile management, post interactions. Ensured a highly responsive design for optimal usability on all devices. Further enhancing user experience, incorporated both light and dark modes.

Online Laundry Application | PEGA

April 2020

- Tailored and implemented an Online Laundry Service Application using Pega automation tools, enabling users to place laundry orders, track their status, generate reports, and streamline the laundry management process.
- Enforced role-based functionalities for customers, administrators, pickup/delivery assistants. Automated order assignment and workflow management, enhancing efficiency and accuracy in laundry operations.

TECHNICAL SKILLS

Languages/Database: Java, Python, C, C++, SQL, JavaScript, TypeScript, HTML, CSS, MySQL, PostgreSQL, MongoDB.

Frameworks/Technologies: React, Redux, Angular, Node.js, Express.js, Django, Bootstrap, Restful APIs.

Devops/Tools: Docker, Kubernetes, Jenkins, GIT, Jira, CI/CD Processes, Agile, MATLAB, Linux, Postman, PEGA.

Certifications: Oracle Certified Associate, Java SE 8 Programmer (OCA), Pega Certified Senior System Architect.

LEADERSHIP

YouTube – Content Creator (youtube.com/praneethvlogs)

August 2022- Present

- Grew channel to **1000+** subscribers with just **7** videos. Created videos on Lifestyle in US, College life, Housing options in University of Florida. Helped **100+** students through multiple platforms.