Pradnya Bhukan

pradnyabhukan1709@gmail.com | +1 (607) 338-8779 | Binghamton, NY
www.linkedin.com/in/pradnyabhukan | https://github.com/pradnyabhukan | http://pradnyabhukan.herokuapp.com/

EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Master of Science in Computer Science August 2021 - May 2023
Current GPA: 3.5/4.00
Courses: Design Patterns in Java, Cloud Computing, Data Structures and Algorithms, Object-Oriented Design, Programming Languages, Operating Systems, Computer Architecture, Programming for the web, Social Media Data Science Pipeline, Computer Security

Savitribai Phule Pune University, Maharashtra, India
Bachelor's in computer engineering August 2016 - May 2020
Cumulative GPA: 7.71/10.00

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, C++
Technologies: ReactJS, HTML, CSS, Bootstrap, PHP, JSON, NodeJS, ExpressJS, Flask, Kubernetes, Docker, REST API, Web Services, Containers, Microservices
Data Analysis : Pandas, NumPy, Matplotlib, PowerBI
Software and OS: Git, JIRA, Visual Studio, Eclipse, Android Studio, Linux/Unix, AWS, GCP
Database: SQL, NoSQL, MongoDB, Firebase, Oracle Database

PROFESSIONAL EXPERIENCE

Binghamton University, Graduate Grader | NY, US   September 2022 – December 2022
- Demonstrated excellence in academic instruction as a Grader for the Design Patterns courses (CS542 - graduate and CS442 - undergraduate), where I effectively graded assignments and exams, provided constructive feedback to students
- Conducted regular office hours and responded to students' queries and questions

Oracle, UI Development Intern | NY, US   May 2022 - August 2022
- Built cloud cost-estimator widget for OCI Media Flow Service, estimating costs for media streaming/processing
- Designed interface for OCI cloud cost-estimator widget using OJET and KnockoutJS
- Sent and received data between KnockoutJS frontend and APEX backend using APIs
- Developed a feedback project module to let users submit internal feedback for features within Oracle products
- Worked in an agile development environment using scrum methodologies

Bahwan Cybertek Tibco, Software Developer | Pune, India   December 2020 - June 2021
- Worked with a UI team to develop frontend of Ministry of Housing, Oman
- Used ReactJS to develop website components for property management services in Oman
- Added user-facing features for creation and navigation of the applications for each property
- Used JSON APIs to connect React frontend to AWS database

Raze Graphics- Aradh Global Books, UI Design Intern | Pune, India   January 2020 - March 2020
- Collaborated in a team of 3 to design web pages for Aradh Global Books, a children's book retailer
- Designed frontend web page layouts using Bootstrap CSS framework
- Implemented features for purchasing books and managing checkout using HTML/CSS

PROJECT EXPERIENCE

Analyzing Sports Insights on Social Media Platforms| New York, US   August 2022 - December 2022
- Utilized APIs from Twitter, Reddit, and YouTube to collect and clean large amounts of data on user activity and sentiment regarding sports players and events from 2022 Football and Cricket World cup.
- Developed a Python-based analysis tool and conducted statistical analyses to answer specific research questions related to player popularity and abusive content detection.
- Utilized natural language processing techniques to identify and flag potentially abusive content related to World cup on social media platforms

Cloud Based Shared Game Sessions| New York, US   December 2021 - February 2022
- Designed and contributed towards a web game application to allow users to virtually play Pictionary together
- Collaborated with a team of 5 and utilized NodeJS, Docker, Firebase, Google Cloud Platform
- Containerized the application and hosted it on Google Cloud Platform, which allowed it to be executable in any environment.

Real Time Employee Tracker | Pune, India   August 2019 - May 2020
- Designed and launched a real time tracking system that will track the precise location of the employee
- Collaborated in a team of 3 to utilize Java, Firebase and Android Studio for the project
- Delegated tasks to group and organized the final presentation with solutions to university faculty
- Helped the organization to better manage the resources and increase productivity of employees by 14%