

PRANIT DAREKAR

Washington, DC | +1 2023306285 | pranitdarekar1997@gmail.com | [linkedin.com/in/pranitdarekar](https://www.linkedin.com/in/pranitdarekar) | pranitdarekar.github.io

EDUCATION

Master of Science in Computer Science, The George Washington University | GPA 3.83/4

Aug 2022 - May 2024

Bachelor of Engineering in Computer Engineering, University of Mumbai | CGPA 7.62/10

Aug 2015 - May 2019

TECHNICAL SKILLS

- **Programming Languages:** Javascript, PHP, GoLang, NodeJS, Java, Typescript, React, C, Python, R.
- **Frameworks and Technologies:** MS SQL, SQLite, Redis, Kafka, REST API, Pandas, Django, scikit-learn, Jenkins, Bootstrap.
- **Tools:** Android Studio, IntelliJ Idea, Netbeans, R Studio, PyCharm.

WORK EXPERIENCE / INTERNSHIPS

Student Technical Support Specialist - George Washington University, Washington DC

Feb 2023 - Present

- Designed and developed HTML5 pages for in-room touch panels and room configuration, resulting in a more user-friendly interface for instructors and students.
- Constructed C# libraries to integrate A/V devices with the main C# source framework, improving the overall functionality and compatibility of the A/V control environment.
- Managed and operated technical systems, hardware, and network configuration, ensuring smooth operation of supported spaces.

Web Developer L2 - Media.net, Mumbai

Jul 2019 - Jul 2022

- Served over **5 million** ads daily as an AdServing Team at the world's 2nd largest contextual ad-tech company.
- Built a system for tracking ad-click conversions with over **2 million** ad clicks reported daily, leveraging expertise in front-end and back-end technologies for rendering ad tag products such as 2-click models, direct ads, native ads, interstitial ads, etc.
- Created a Consent Management Platform (CMP) for GDPR using the Quantcast tool, ensuring compliance with data privacy regulations and protecting user data.
- Integrated reporting observer API for analyzing landing page keyword units, providing valuable insights into ad performance, and optimizing ad campaigns for maximum impact.
- Developed various features per business requirements focusing on design patterns, APIs, and databases.
- Built a health status cron job with alert mechanisms to ensure efficient and smooth system operation.
- Collaborated with cross-functional teams to seamlessly migrate from Akamai to GCP architecture, showcasing excellent teamwork and communication skills.
- Monitored dashboards to analyze traffic trends and resolve technical issues promptly.

IT Support - CeX WeBuy Entertainment Private Limited, Mumbai

Jun 2018 - Jul 2018

- Responsible for logistics of over 10,000 company assets, ensuring accurate tracking and management of equipment inventory.
- Installed different OS on various devices, including Windows, macOS, and Linux, and provided IT support to resolve issues.
- Collaborated with other teams to identify and resolve technical issues, ensuring minimal downtime for employees.

Robotics Mentor - RoboFun Lab Private Limited, Mumbai

Oct 2017 - Jan 2018

- Mentored a team of 5 students for an international robotics tournament - **First Lego League**.
- Provided guidance and support to students in assembling a robot using Lego parts, including programming robots.
- Coached students in developing a research project on a given challenge, including analyzing data and presenting findings.
- Focused on developing teamwork skills amongst students, encouraging collaboration, communication, and leadership.
- Encouraged student creativity and innovation to promote outside-the-box thinking and unique problem-solving.

TECHNICAL PROJECTS

News Text Summarizer using machine learning | [GitHub](#) | Python, TensorFlow, NLTK, scikit-learn

Apr 2023 - May 2023

- Implemented a news text summarizer using a Seq2Seq model with an attention mechanism and an encoder-decoder architecture, leveraging the power of deep learning to generate an accurate and concise summary.
- Used NLTK for tokenization, stop word removal, stemming, and lemmatization ensuring effective preprocessing of CNN data.

Budget Tracker Web App | [GitHub](#) | Typescript, React, Firebase, IntelliJ Idea

Nov 2022 - Dec 2022

- Designed web app with features like Google auth, category-wise expense tracking, bill management, and limit setting.
- Developed a dashboard for monitoring expenses and providing insights into spending habits, allowing users to make informed decisions about finances. Utilized Firebase for real-time data synchronization and storage.

OCR for Web-Page Design | Python, OpenCV, PHP, PyCharm

Aug 2018 - Apr 2019

- Developed a desktop software application to generate HTML code for an input web page image.
- Built a sophisticated OCR algorithm to recognize text and images in input web page images based on color edges.
- Employed OpenCV to process image data, enabling software to detect and identify key elements of web pages, such as headings, paragraphs, and links.