PRANIT DAREKAR

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EDUCATION

Master of Science in Computer Science, The George Washington University | GPA 3.80/4	**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 promptly analyze traffic trends and resolve technical issues.

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

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.

Easy-Pay Android App (E-wallet) | Java, SQLite database, Android Studio IDE   **Jan 2018 - Apr 2018**
- Designed and implemented an Android app with a user-friendly interface that enabled users to easily add money from bank accounts to wallets, send money to other wallets, view wallet balances, and generate transaction statements.
- Used SQLite DB to manage user account information and transaction history securely.