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| APPLICATIONS DEVELOPER | Innovative professional skilled at researching and experienced in developing innovative design strategies for challenging problems. Deliver technical mentorship and guidance and work alongside broader teams within organizations to deliver large scale software and application development solutions.  **Core Competencies**   |  |  | | --- | --- | | * Responsive Web Design * Artificial Intelligence (AI) * Database Management * Full-Stack Web Development * Algorithms * Cloud Computing – AWS | * Machine Learning * Mobile Application Development * Web Services API * Visualization * Data Structure * AI/ML Solutions | |
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| TECHNICAL  PROFICIENCIES | |  |  | | --- | --- | | **Languages** | C, C++, Java, J2EE, Python, PHP, JavaScript, Bootstrap, jQuery, CSS, HTML, SQL, PL/SQL, ASP, AJAX, Keras APIs | | **Others** | Android SDK, XCode, AWS, Kony IDE, BI Publisher, JDeveloper, Processing, Windows OS, Oracle Linux, Ubuntu, Oracle VM VirtualBox, Android, iOS, RESTful | | **IDEs &**  **Tools:** | MySQL, Oracle database, MariaDB, PyCharm, Visual Studio, SQL developer, SQL workbench, Jira, GIT, Tortoise SVN, Eclipse, Jupiter notebook and MS office | |
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| PROFESSIONAL  EXPERIENCE | **Research Specialist**, University of South Florida – College of Nursing  Tampa, FL (7/2019 to Present)   * Work diligently on First Responders Cancer Education Program (TIMS) responsible for detecting, analyzing, and preventing colorectal cancer at an early stage along with mobile-first responsive web app designed using bootstrap4 and HTML5 to collect user data. * Drive the architecture of an entire web application portal, Endcancer.me, from requirement gathering and technical design (front end, backend and REST API) to final testing. * Fostered and sustained a productivity-focused environment using Agile methodologies and accomplished 100% of the team productivity target. * Recommended strategies to enhance the quality of research and lead the tech meeting presentation on various aspects of the progress report.   **Senior Applications Engineer**, Oracle India Private Limited  Hyderabad, India (6/2015 – 12/2018)  Worked alongside the Performance Management team and designed the oracle worker and manager ratings report templates through the use of oracle business intelligence technology. Provided a one-stop solution for report generation and organizational big data management.   * Improved components of the Human Capital Management - Fusion project using Java, Oracle Database, and advanced Development Framework (ADF). * Fixed 250+ bugs of the HCM performance management project * Designed BI artifacts of performance management email notifications functionality.   **Associate Software Engineer**, Kony IT Services Private Limited  Hyderabad, India (7/2013 – 5/2015)  Utilized Java, JavaScript, Android SDK, iOS XCode, and Kony IDE to design mobile banking applications for BFSI clients, CITI and DBS bank. Delivered robust data security for local database files using 256-bit AES encryption by integrating SQLCipher.   * Implemented lazy loading in SPA application, thus reducing first load time by 40%. * Designed 2 out of 14 key features of DBS bank mobile application. * Won best team award; a team of 9 developers for designing CITI bank USA app.   **Assistant Research Fellow**, National University of Singapore  (5/2012 – 7/2012)  Developed supporting components of a dynamic, adaptive online video streaming video system, GeoVid. Provided live video upload support for the Android app by working within MPEG library. |
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| EDUCATION | **Master’s in computer science, Data Visualization & Machine Learning**  Expected – 08/ 2020  University of South Florida, Tampa, FL, GPA 3.94/4  **Bachelor of Technology, Computer Science Engineering**  2013  National Institute of Technology Surat, GPA 7.56/10 |
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| CERTIFICATIONS and PROJECTS | Certified by NetTech in Networking Management  Trained and Certified JAVA Core Programmer  Oracle IDC Certified Accessibility Developer  Programming Foundations: APIs and Web Services  Programming Foundations: Databases  **GRE vocabulary made easy high-frequency ETS words** Published - Dec 2018  Architected an android app with helper Python libraries to maximize GRE preparation; the app received a 4.5-star rating on google play with 6,500 active users.  **Amazfit Smartwatch GPX Data Extractor** Published - July 2017  Executable jar which extracts gpx data of all running track records from Amazfit smartwatch. The project aims to extract data from watch and store it locally. Additionally, it can use third party online GPX viewer such as gpsvisualizer to visualize this track/ GPS data on a map.  **Academic Final Project - GTag, National Institute of Technology Surat (SVNIT)**  Social media mobile app designed using PHP and Oracle DB and powered by the Apache server; the app performs complex operations on geospatial metadata of uploaded geo-tagged digital photos, thus providing a coherent map view to authenticated and connected peer users.  **Universal Word Scrapper**  Developed a non-traceable python tool for scrapping word-related information from a given resource location.  **Cifer5 Image Dataset Classification**  Wrote a 22-layer deep neural network model using Keras APIs. Improved accuracy for image classification to 87% without augmentation and proved statistical significance of the model using the McNemar test. |