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| **Gautam Saini** | 813-605-9772 | imgautamsaini@gmail.com | gautamsaini.com | linkedin.com/in/gautamsaini3 | github.com/KaleidoscopeIM | Tampa, FL |

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| SENIOR APPLICATIONS DEVELOPER | **Core Competencies**   |  |  | | --- | --- | | * Deep Learning * Cloud Computing – AWS * Database Management | * Algorithms & Data Structures * Full-Stack & Responsive Web Development * Data Visualization | |
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| TECHNICAL  PROFICIENCIES | |  |  | | --- | --- | | **Languages** | Python, Java, NodeJS, AngularJS, ExpressJS, JavaScript, PHP, J2EE, Bootstrap, C, jQuery, CSS, HTML5, SQL, PL/SQL, ASP, AJAX, XML, JSON | | **Databases** | MySQL, MariaDB, Oracle DB, SQL developer, SQL workbench, GIT, Tortoise SVN | | **IDEs &**  **Others:** | RESTful APIs, PyCharm, Android SDK, iOS XCode, Jupiter Notebook, Tableau, Eclipse, Visual Studio Code, Kony IDE, BI Publisher, JDeveloper, Processing, Linux, Ubuntu | |
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| PROFESSIONAL  EXPERIENCE | **Research Specialist**, University of South Florida - College of Nursing, Tampa, FL (7/2019 to Present)   * Architecture and lead developer of 2 projects ‘First Responders Cancer Education Program’ (TIMS) and `USF Health Survey and Registry for COVID-19` (livingwellduringcovid.org) using AngularJS CLI, NodeJS, ExpressJS, Python, MySQL, HTML5, JavaScript, Bootstrap4, PHP7 and host on AWS cloud. * Design a robust, scalable backend system with high availability utilizing AWS load balancer. * Foster and sustain a productivity-focused environment in a team of 4 and collaborates with the teams from USF health and Moffit Cancer Center to collect global user data and perform risk assessment on COVID-19 affected people’s lives. * Lead TIMS project tech meeting presentation on various aspects of progress report, recommend strategies to enhance the quality of research, accomplish 100% of the productivity by completing the project on the targeted timeline. * Features & Technology stack: Amazon Linux 2 & RHEL hosting, web sockets for live CDC twitter feeds and COVID map, serverless private URL shortener, MariaDB relational database schema, participant sentiment analysis, risk score assessment, automated Twilio SMS and email notification, SSL with letsencrypt, JWT tokens & ReCaptcha security, automated weekly CSV reports.   **Senior Applications Engineer**, Oracle Private Limited, Hyderabad, IN (6/2015 – 12/2018)   * Worked alongside the Performance Management team to design the rating report templates for efficient data extraction using Oracle business intelligence technology (BIP), java, j2ee, oracle database, and advance development framework (ADF). * Implemented strategies of local database setup for local development which in result speedup the modules development by 40%. * Designed BI artifacts and database schema for email notifications functionality and successfully integrated into Oracle fusion cloud environment with high quality. * Fixed 200+ bugs in the Performance Management module and improved the overall performance of Human Capital Management (HCM - Talent) * Participated in 150+ client calls to rectify concerns and troubleshoot issues in production environment.   **Associate Software Engineer**, Kony IT Services Private Limited, Hyderabad, IN (7/2013 – 5/2015)   * Utilized Java, JavaScript, Android SDK, iOS XCode, and Kony IDE to design mobile banking applications for BFSI clients. Delivered robust data security for local database files using 256-bit AES encryption by integrating SQLCipher. * Adhered to on-time, high-quality development of CITI USA and DBS mobile banking applications. * 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. * Collaborated with a team of 9 developers to design CITI USA app and won best team award.   **Assistant Research Fellow, Internship**, National University of Singapore (5/2012 – 7/2012)   * Developed supporting components of a dynamic, adaptive video streaming video system - GeoVid. * Implemented live video upload support for the Android app by working within MPEG library. |
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| EDUCATION | **Master’s in Computer Science, AWS Cloud & Machine Learning,** Expected – 12/ 2020  The University of South Florida, Tampa, FL, GPA 3.96  **Bachelor of Technology, Computer Science Engineering,** 5/2013  National Institute of Technology Surat (NIT – Surat or SVNIT), **GPA 7.56/10** |
| PROJECTS | **Cifer5 Image Dataset Classification,** May 2019  Wrote a 22-layer deep neural network model using Keras APIs. Obtained accuracy of image classification up to 87% and proved the statistical significance of the model using the McNemar test.  **AWS Lex chatbot, April 2020**  Designed an interactive chatbot using Amazon Lex services and powered by Amazon Alexa’s voice to perform conversational chat via Alexa voice or text. |
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| CERTIFICATIONS | * Introduction to Data Science in Python by the University of Michigan * Neural Network and Deep Learning by deeplearning.ai * Improving Deep Neural Networks: Hyper-parameter tuning, Regularization and Optimization by deeplearning.ai * Node.js essential training by LinkedIn learning * Angular: Ecosystem by LinkedIn learning * Programming Foundations: APIs and Web services by LinkedIn learning * Programming Foundations: Databases by LinkedIn learning * Trained and Certified JAVA Core Programmer by NIIT |