SAI DINESH TUMU

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| OBJECTIVE | To leverage my expertise in internships, computer science projects and public speaking skills, into a Software Developer role with your company. |
| EXPERIENCE | **SUMMER INTERN, TRANSMISSION CORP. OF TELANGANA LTD., HYDERABAD, JUN ’15 – JUL ‘15**  DESIGNED ARCHITECTURE AND IMPLEMENTED A DEMO FOR ANALYSIS OF POWER CONSUMED  Invoking map-reduce queries through website to analyze the power consumed in almost real time.  **TECHNICAL HEAD, IEEE-JUIT, SOLAN, AUG ’14 – JUL ‘15**  MAZE OF STRATOZ  An online multi device picture quiz developed using bootstrap and PHP.  AUTOMATIC PHOTO BOOTH  Helped Developed an automatic photo-booth setup which automatically clicks and sends the captured photo upon triggers like clapping and voice keyword using Raspberry Pi.  **SUMMER INTERN, OSMANIA UNIVERSITY, HYDERABAD, JUN ’14 – AUG ‘14**  DEVELOPED APPLICATION FOR SECURE QUESTION PAPER DISTRIBUTION  Encrypted pdf file using 128 bit AES key and this AES key is encrypted using RSA public key. Password protected zip using zip4j library. |
| UNIVERSITY PROJECTS | **IAAS CLOUD MONITOR, JUL ’15 – JUN ‘16**  A Dashboard for monitoring and managing running nodes in IaaS Cloud service model.  **DEVELOPED AN OPTICAL NUMBER RECOGNITION APPLICATION, OCT ’14 – DEC ‘14**  Application to extract number from an image to a text file retaining formatting using Matlab. |
| KEY SKILLS | Expert in C++, some knowledge of Java, python.  Beginner, Applied Cryptography, Big Data using Hadoop. |
| COMPUTER SOFTWARE SKILLS | **PROJECT MANAGEMENT**  MS Project 2013, Yammer  **APPLICATION DEVELOPMENT**  Code Blocks, Matlab2010a, MS Visual C++ 2010  **WEB APPLICATION DEVELOPMENT**  Bootstrap, PHP, Xampp  **DATABASE DESIGN**  SWI Prolog, MS Visio |
| EDUCATION | **Bachelor Of Technology, Computer Science and Engineering – 72%**  Jaypee University of Information Technology, Solan, Himachal Pradesh.  **Board Of Intermediate Education, Telangana – 89.5%**  Narayana Junior College, Hyderabad, Telangana.  **Board Of Secondary Education, Telangana – 93.8%**  Sri Chaitanya Techno School, Hyderabad, Telangana. |
| CERTIFICATIONS | Certified 9.01x: Effective Thinking Through mathematics by edX (@edx.org).  Certified within the Microsoft Virtual Academy: Getting Started with Microsoft Big Data. |
| ACTIVITIES | Active student member of IEEE and Active Life member of CRSI.  Part of the designing team, Reverie, the official newsletter of JUIT. |