SAI DINESH TUMU

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130 Church Road, East Wall Road, Dublin 3 – D03H274

PROFILE	Pursuing Masters in Cloud Computing in National College of Ireland. I have a unique blend of Software Engineering and Problem-Solving skills. I take pride in putting my skills to build something which makes a difference.

EXPERIENCE

INTERN, BEING ZERO PVT. LTD., HYDERABAD, SEPT '16 – JUL '17
DESIGNINED API FOR AN ONLINE WEB APPLICATION MENTORPICK
 Modern web app being developed on top of MEAN Stack to help mentees learn coding under guidance of professionals (mentors) under the direct guidance of ex-Microsoft employees. Online Compiler and Judge.

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.

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 (CAPSTONE PROJECT)
 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

Core Data Structures and Algorithms, their application in real time.
Expert in C++, adequate knowledge of Java, python and JavaScript.
Beginner, Applied Cryptography, Big Data using Hadoop.

COMPUTER SOFTWARE SKILLS

WEB APPLICATION DEVELOPMENT
 MEAN Stack, LAMP Stack, Bootstrap
DATABASE DESIGN
 MySQL, SWI Prolog, MS Visio, MongoDB
PROJECT MANAGEMENT
 MS Project 2013
DESKTOP APPLICATION DEVELOPMENT
 Code Blocks, Eclipse, PyCharm, Matlab2010a, MS Visual C++ 2010

EDUCATION

Master of Science, Cloud Computing, MAR '19(Expected)
National College of Ireland, Dublin, Ireland.
Overall Result – 2:1 (Expected)

Bachelor of Technology, Computer Science and Engineering, JUL '16 – 72%
Jaypee University of Information Technology, Solan, India.
Overall Percentage – 72%

ACTIVITIES

Active student member of IEEE for four years during Bachelors.
Part of the designing team, Reverie, the official newsletter of JUIT.
Volunteered for different roles in international IEEE Conferences.