KARRI VENKATA SAI PRANAV

+91-9629834836
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Work Experience

Ericsson India Global services, Bangalore (July 2017–Currently working)

Roles and Responsibilities:

1. Worked on legacy telecom technologies (GSM and UMTS) on Key performance indicators (KPI) assurance.
2. Handled various scopes on 4G (LTE) technology that includes implementations of parameter changes on the live network; hardware troubleshooting by coordinating with field engineer, Network optimization by analyzing degrading KPIs and Network deployment support to Integrate new sites. These scopes are performed to Rogers telecom operator of Canada.
3. Developed In-Building solutions to AT&T telecom operator of the USA. This work majorly deals with the analysis and design of layout for small cells placement in venues like airports, museums, hotels, offices, etc. by executing simulations (Tool used: IBwave)
4. Worked on Ericsson's Radio Access Network analyzer tool to do network optimization by analyzing KPI like CQI (Channel Quality index), mobility, etc for a specific serving eNodeb.

Notable Achievements:

1. Executed baseline scripts for more than 20 newly build sites on LTE technology and ensured accuracy of the script by performing critical parameter checks, thereby receiving appreciation from management team.
2. Acquired certification on Python programming language upon successful completion of the complete python boot camp course in Udemy website.
3. Automated a manual task which deals with the comparison of pre and post data (KPIs) using python programming language.

Education

Amrita School of Engineering, Coimbatore (2013-17)

1. Under Graduate degree in Electrical and Electronics Engineering.
2. Aggregate percentage obtained: 83.0%

Ascent Junior College, Vizag (2011-13)

1. Intermediate education (Class 12) handled by the Board of intermediate education, AP.
2. Aggregate percentage obtained: 94.4%

Delhi public school, Vizag (2006-2011)

1. Secondary education (Class 10) handled by Central board of secondary education.
2. Aggregate percentage obtained: 89.0%

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Academic project undertaken:

Name of the project: Design and implementation of PV system for a constant voltage operation.

Duration: June 2016-May 2017

Description: The Objective is to maintain a constant AC output voltage after following two-stage conversion process. Since DC output voltage obtained from PV solar panels is variable, a boost converter along with a PIC16F877A microcontroller is used. Controller algorithm has been designed in such a way that it produces appropriate pulses to the boost converter thereby ensuring constant DC voltage. This DC voltage is now converted to AC using an inverter.

Notable Achievements: Paper published and presented in 2017 International Conference On Smart Technologies For Smart Nation (SmartTechCon) for this project.

Technical skills:

1. Programming languages known: Python, C and C++
2. Basic knowledge on software applications: MATLAB, MULTISIM, MPLAB, IbWave and Microsoft office.
3. Worked on many software applications related to Ericsson organization, few of them namely, Ericsson performance portal, Ericsson RAN analyzer etc.

Extracurricular activities:

1. Reached till semifinals in the badminton competition conducted by Ericsson.
2. Participated in retro dance performance at Ericsson during kannada rajyotsava cultural fest.
3. Love exploring news articles and latest innovations happening around the globe over internet.
4. Listening to Jazz and rock sort of music are my all-time favorites to spend on my leisure time.

I hereby declare that all the particulars stated above are true to the best of my knowledge and belief.

KARRI VENKATA SAI PRANAV
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