KANCHI ROOP CHAN SAI

Portfolio website: https://roopchandsai.github.io/rcs   **Email - ID** : kanchichandu9865@gmail.com

Phone No :   +91 7013016691

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CAREER OBJECTIVE:

Seeking an entry-level Engineer position with a respectable company where I can utilize my technical and analytical skills, knowledge in Software Development, Embedded Systems, IoT, and Automotive Electronics.

EDUCATIONAL QUALIFICATION:

COURSE	INSTITUTION	BOARD/UNIVERSITY	DURATION	RESULT
B. Tech (Electronics & communication Engineering)	Vignan's Foundation for Science, Technology & Research	Vignan University	2016-20	**8.62 CGPA**
Higher Secondary (M.P.C)	NARAYANA JR. College	Telangana State Board of Intermediate Education	2014-16	**94 %**
Matriculation / Secondary School Certification (SSC)	Poornima Vidya Niketan High School	Board of Secondary Education	2013-14	**9.5 CGPA**

TECHNICAL SKILLS:

Application Development:

- Programming   :   Python, Java, Unix, C#, C, C++
- Web Development   :   JavaScript, HTML, CSS, jQuery, Vue.js, React.js
- SQL database engines   :   MySQL, SQLite
- Web server frameworks :   flask, Django, spring boot (Tomcat web server, servlets and JSP), ASP.NET Core
- GUI App Development   :   Qt (PyQt), Swing UI and JavaFX, Electron.JS, .NET Framework

Electronics Domain:

- Electronics and Communication Systems, Embedded Systems and IoT Devices
- Embedded IoT Micro-Computers and Linux applications development, Ad hoc Sensor Networks
- Electronic Circuit Design, Analysis and verification, Sensors Integration and Driver Modules, Semi-Conductors
- Micro-Controllers, Electronic Control Units (ECU / ECM) Modules, Integrated Circuits and Digital Electronics
- Automotive PCBA / SMD Electronic Components, ADAS (Advanced Driver Assistance Systems), BLRT (Board Level Reliability Testing Mechanisms), AECQ - Grade Restricted Part Analysis and Component Qualifications.

Operating Systems   : Linux, Windows
Software Tools   : MATLAB, Multisim, Qt GUI Creator, visual studio, Android Studio, Spring Tool Suite (STS) IDE, Anaconda, Xilinx ISE Simulator [VHDL/Verilog], git/GitHub, MIT App Builder, O365 Office Apps etc.

WORK EXPERIENCE:

Company   : Tata Consultancy Services
Designation   : Assistant System Engineer, C1Y
Duration   : 5th April 2021   -   15th November 2022
Role   : Engineer. EGG IoTDE1.0. Automotive Electronics

TCS CERTIFICATIONS:

- (10 Sep, 2021) Wings: Core Tech_T7_cybersecurity-Securing The Enterprise And Consumer
- (10 Sep, 2021) Wings: Core Tech_t5_extreme Automation Leveraging The Best Of Cloud
- (10 Sep, 2021) Wings: Core Tech_t3_Machine First and Intelligent Business Processes
- (10 Sep, 2021) Wings: Core Tech_t1_building Modern Web Apps at Scale
- (23 Aug, 2021) Digital: Cas Tower Certification Intermediate
- (23 Aug, 2021) Digital: Amazon Web Service (AWS) Cloud Computing Certification
- (22 Aug, 2021) Wings: Core Tech_t4_integrating Distributed Ecosystems Curriculum
- (22 Aug, 2021) Wings: Core Tech_t2_working With Modern Data Repositories
- (22 Aug, 2021) Digital: AWS Cloud Computing_intermediate
- (08 Jul, 2022) Programming Language: Javascript Essential Training_Linkedin
- (23 Feb, 2022) Digital: Building and Deploying Deep Learning Applications with Tensorflow_Linkedin
- (27-Jul-2021) Commence: Business English Certification

TECHNICAL CERTIFICATIONS:

- (IOT)Internet of things and Embedded systems certification from Coursera
- Python 3 for Data Science provided by Cognitive class
- SQL and Relational Databases provided by Big Data University
- Building React and ASP.NET Core Applications from LinkedIn

- Machine Learning with Python provided by Cognitive Class, Applied Machine Learning Algorithms
- HTML and CSS Linking, JavaScript, React.js Essential Training, Django Essential Training
- Node.js / ReactJS / MySQL Development from LinkedIn Learning, Learning MySQL, Hadoop Development 2014
- Automation Leveraging the best of the cloud from TCS IEvolve
- Python Foundation FY22 vILT from TCS Talent Development Team
- Raspberry pi and python programming certification from Coursera organization
- Rapid Application Development with Python GUI with PyQt, Tkinter
- FullStack JavaScript Development MongoDB Node and React, App Building with Vanilla JavaScript, Angular
- Linux Bash Shell and Scripts, Linux Storage Systems
- Android App Development using Android Studio, MIT App inventor
- IOT certification from Udemy organization, Learning FPGA Development
- TCS Xperience Foundation (Python)-FY22 (4-May-2021)
- Digital : Python Certification (3-May-2021)
- Digital : Elevate Wings 1 ER1 Python Curriculum (3-May-2021)
- EIS : PLM NUMPY Pandas For Analytics (PLM) Curriculum (03-May-2021)

MAJOR PROJECT (B.Tech Semester Projects):
- IoT based Voice Automated Smart Wearable Watch for women's Rescue and Health Monitoring
- Real Time Facial Recognition using open computer vision and python libraries.
- IoT Based Voice Automated Smart Android Application for Women's Rescue

EXTRA-CURRICULAR ACTIVITIES:
- Volunteered in NSS activity contributing towards 'Swatch Bharath yojana' service.
- Co-ordinated in Technical event of VOICE 2K17 in VFSTR University.

LANGUAGES KNOWN:

English (R/W)   : **Preliminary English Test** conducted by Cambridge University in 2016-17 (Passed with Merit)
Telugu   (R/W)   : Native Language (fluent)
Hindi   (R/W)   : Second language (Intermediate)

ADDITIONAL DETAILS:

Name	:	Kanchi Roop Chand Sai
Date of Birth	:	27-08-1998
Nationality	:	Indian
Gender	:	Male
Phone No.	:	+91 7013016691
Email-ID	:	kanchichandu9865@gmail.com
Portfolio (Website)	:	https://roopchandsai.github.io/rcs/
LinkedIn	:	www.linkedin.com/in/roopchandsai

DECLARATION:

I do hereby declare that all the information given is genuine to the best of my knowledge and belief.

Place: Guntur, Andhra Pradesh   (K. ROOPCHAND SAI)