KANCHI ROOP CHAN SAI

Portfolio website: https://roopchandsai.github.io/rcs   **Email-ID** : roopchandsai98@gmail.com

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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	DURATION	RESULTS
B. Tech (Electronics and communications Engineering)	Vignan University	2016-20	**8.62 CGPA**
Higher Secondary Certificate (M.P.C)	Telangana State Board of Intermediate Education	2014-16	**94 %**
Secondary School Certificate (SSC)	Board of Secondary Education	2013-14	**9.5 CGPA**

TECHNICAL SKILLS:

Application Development:

- Programming : Python, Unix, Java, C#, C
- Web Development : JavaScript, HTML, CSS, jQuery, ReactJS, PyScript
- SQL database engines : MySQL, SQLite, RDBMS
- web frameworks : Django, flask, ASP.NET core
- GUI App Development : PyQt5, Tkinter, Node.js, Electron.JS, .NET Framework

Electronics Domain:

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

Platform : Linux, Windows

Tools : MATLAB, Multisim, Qt, visual studio, Android Studio, Anaconda, Xilinx ISE Simulator [VHDL/Verilog], git/GitHub, MIT App Builder, O365 Apps

WORK EXPERIENCE:

Company : Tata Consultancy Services

Duration : 5th April 2021 - 2nd December 2022

Role : Engineer. IoT DE. Automotive Electronics

Responsibility : Assistant. System Engineer, Electronics Component Engineer

Tools Used : Windchill 11.0, Java EDM(Electronics) Database, Jira, Axalant**,** EIS Semantic/Lidar Annotations

TCS CERTIFICATIONS HELD:

- (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:

- Python 3 for Data Science provided by Cognitive class
- Machine Learning with Python provided by Cognitive Class
- (IOT)Internet of things and Embedded systems certification from Coursera
- SQL and Relational Databases provided by Big Data University

- Building React and ASP.NET Core Applications from LinkedIn
- Automation Leveraging the best of the cloud from TCS IEvolve
- Python Foundation FY22 vILT from TCS Talent Development Team
- Node.js / ReactJS / MySQL Development from LinkedIn Learning
- Raspberry pi and python programming certification from Coursera organization
- Android App Development using Android Studio MIT App inventor
- IOT certification from Udemy organization
- 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)
- Rapid Application Development with Python
- Python GUI Development with Tkinter
- Applied Machine Learning Algorithms
- Django Essential Training
- HTML and CSS Linking, JavaScript, React.js Essential Training
- Learning App Building with Vanilla JavaScript
- Learning FPGA Development
- FullStack JavaScript Development MongoDB Node and React
- Learning MySQL, Hadoop Development 2014
- Linux Bash Shell and Scripts, Linux Storage Systems
- Learning Angular
- Design Thinking Understanding the Process
- 5G communications, Applications and Technologies
- Digital Skills: Artificial Intelligence provided by Accenture
- Blockchain Essentials provided by developer Works from Cognitive Class

MAJOR PROJECT (University Level**):**
- IOT based voice Automated smart watch for women's Rescue and Health Monitoring.

AREA OF INTERESTS: Internet of Things and Embedded Systems**,** Web Apps development, Software Development, Machine Learning (open CV and Tensor flow), C# 3D simulations and Game Development using Unity Game Engine

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	:	roopchandsai98@gmail.com
Portfolio (Website)	:	https://roopchandsai.github.io/rcs/
LinkedIn	:	www.linkedin.com/in/roopchandsai

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