

KANCHI ROOP CHAN SAI

Portfolio website: <https://roopchandsai.github.io/rcs>

Email-ID : roopchandsai98@gmail.com

Ph. No : +91 7013016691

CAREER OBJECTIVE:

Seeking an entry-level opportunity in IT sector where I can utilize and enhance my Technical and Analytical skills, while making a significant contribution to the success of the organization.

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#
- Web Development : JavaScript, HTML, CSS, jQuery, PyScript
- SQL database engines : MySQL, RDBMS, SQLite
- web frameworks : Django, flask, ReactJS
- GUI App Development : PyQt5, Tkinter, Node.js, Electron.JS

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

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- 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 |