

# KANCHI ROOP CHAN SAI

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

Email - ID : [kanchichandu9865@gmail.com](mailto:kanchichandu9865@gmail.com)

Phone No : +91 7013016691

## CAREER OBJECTIVE:

Seeking an Entry-Level Engineering position with an organization that provides me with ample opportunities to enhance my skills, strengthen my knowledge, and grow with the organization.

## 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, C#, C, C++
- Web Development : JavaScript, HTML, CSS, jQuery, Vue.js, React.js
- SQL database engines : MySQL, SQLite
- Web server frameworks : flask and Jinja2, Django, spring boot (Tomcat web server, servlets and JSP), ASP.NET Core
- GUI App Development : Qt (PyQt), Swing UI and JavaFX, Electron.JS, C# .NET

### 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** : 5<sup>th</sup> April 2021 - 15<sup>th</sup> November 2022

**Role** : Engineer. EGG IoTDE1.0. Automotive Electronics, Engineer. EIS. Embedded Systems

**Allocated Projects:** ZF-Automotive, ZF-Annotations, BDT-Braking Unit

**Assigned Tasks** : Automotive Electronics and SMD Components, Embedded Systems and Microcontrollers Restricted Part Analysis, Product change Notices and Supplier Request Changes, Component Qualification Matrix, Dual Sourcing, AECQ Grade, BLRT Testing Mechanisms, Semantic and LIDAR Annotations, Python, CNN, Image Recognition and processing (OpenCV and TensorFlow), System and Web Applications Development, MySQL Database Records Management.

## TCS Accomplishments / Awards:

- Awards for Excellence, On the Spot Award (Certification)
- Learning Awards, Elevate Wings 1 Track Completion (Certification)
- Received 4.35/5 performance rating as Continuous Feedback Anniversary Appraisal

## TCS WITHHELD CERTIFICATIONS:

- (10 Sep, 2021) Wings: Core Tech\_T1\_Building Modern Web Apps at Scale
- (22 Aug, 2021) Wings: Core Tech\_T2\_Working with Modern Data Repositories
- (10 Sep, 2021) Wings: Core Tech\_T3\_Machine First and Intelligent Business Processes
- (22 Aug, 2021) Wings: Core Tech\_T4\_Integrating Distributed Ecosystems Curriculum
- (10 Sep, 2021) Wings: Core Tech\_T5\_Extreme Automation Leveraging the Best of Cloud
- (10 Sep, 2021) Wings: Core Tech\_T7\_Cybersecurity-Securing the Enterprise and Consumer
- (23 Aug, 2021) Digital: Amazon Web Service (AWS) Cloud Computing Certification
- (22 Aug, 2021) Digital: AWS Cloud Computing\_intermediate
- (08 Jul, 2022) Programming Language: Javascript Essential Training\_Linkedin

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- (23 Feb, 2022) Digital: Building and Deploying Deep Learning Applications with Tensorflow\_Linkedin
- (23 Aug, 2021) Digital: CAS Tower Certification Intermediate
- (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 Applications with PyQt, Tkinter from LinkedIn Learning
- Full Stack 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 Udemyorganization, 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            | : | <a href="mailto:kanchichandu9865@gmail.com">kanchichandu9865@gmail.com</a>              |
| Portfolio (Website) | : | <a href="https://roopchandsai.github.io/rcs/">https://roopchandsai.github.io/rcs/</a>   |
| LinkedIn            | : | <a href="https://www.linkedin.com/in/roopchandsai">www.linkedin.com/in/roopchandsai</a> |

### 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)