KANCHI ROOP CHAND SAI

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

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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.

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, 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

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.

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

LANGUAGES KNOWN: English (Proficient), Telugu (Fluent - Native), Hindi (Intermediate)

ADDITIONAL DETAILS:

Name	:	Kanchi Roop Chand Sai
Date of Birth	:	27-08-1998
Nationality	:	Indian
Gender	:	Male

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