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

Responsibilities / Duties:

- Electronics Component Engineering of ADAS Systems, Automotive PCBA SMD Electronic Components, Embedded Systems, Microcontrollers and Sensors, Active, Passive and Discrete Semi-conductors
- 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 (SAP).
- Development of ADAS (Advanced Driver Assistance Systems) Embedded Software and Web Applications

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:

- Programming : Python, JavaScript (Node.js), Java, C, C++, C#
- Web Development : JavaScript, HTML, CSS, jQuery, Vue.js, React.js
- SQL database engines : MySQL, SQLite, MongoDB
- Web server frameworks : flask and Jinja2, Django, Express.js, spring boot (Embedded Tomcat), ASP.NET Core, CrowCpp
- GUI App Development : Qt (PyQt), Swing UI and JavaFX, Electron.js, Qt C++, C# .NET
- 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.

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:

Date of Birth : 27-08-1998
Nationality : Indian
Gender : Male

Place: Guntur, Andhra Pradesh-522503   (K. ROOPCHAND SAI)