Karupaiya AL

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EDUCATION

Degree/Qualification	Institution	CGPA/Percentage	Year
MBA (Expected April 2022)	Indian Institute of Technology, Kanpur	N/A	2020-Present
B.E (Electronics & Communication Engineering)	Coimbatore Institute of Technology	8.05	2014-2018
HSC (12th)	Maharishi Intl. Residential School, Chennai (CBSE)	82.2%	2014
SSC (10th)	ONGC Public School, Karaikal (CBSE)	9.6	2012

WORK EXPERIENCE

Robert Bosch Engineering and Business Solutions Pvt. Ltd. **Coimbatore**
Software Engineer **July 2018 – August 2020 ▪ 25 months**

- Worked as Embedded Software Developer of next-generation braking system for FORD & FIAT OEMs
- Worked as Requirements Based Tester of next-generation braking system and identified 5+ critical defects
- Gained knowledge about newly introduced Test Simulation software in a short span and acted as Single point of contact for solving issues faced by team members
- Introduced best practices within team and contributed to significant improvement in the quality of deliverables
- Contributed and driven ideas for Cost Reduction, Efficiency improvement and Innovation topics
- Coordinator of 'Innovation team' within the group

POSITION OF RESPONSIBILITY

IIT Kanpur	- Placement Coordinator for MBA Program 2020-22
Coimbatore Institute of Technology	- Team Lead, Implementation of IoT Based Smart Laboratory - Team Lead, India Innovation Challenge Design Contest anchored by NSRCEL, IIMB - Head, Media & Design team, INTERFACE (National Level Symposium), ECE Dept

CERTIFICATIONS

- Microsoft Excel - Excel from Beginner to Advanced from Udemy
- R Programming A-Z: R for Data Science with Real Exercises from Udemy

ACADEMIC PROJECTS

IIT Kanpur	- Analysis of factors affecting the Medical Expenses of a smoker using Multiple Linear Regression (2020)
Coimbatore Institute of Technology	- Implementation of IoT based Smart Laboratory (2017-18) - Hands-free call initiator using Bluetooth module (2016-17) - Low-cost security system using Piezo-electric crystal (2015)

ACHIEVEMENTS

RBEI Pvt. Ltd.	- Received 1 BRONZE Award and 2 SPOT Awards for innovative thinking and inspiring self & others (2018-20) - Participated in Blockchain Business Hackathon (2019) - Participated in Hack for Innovation (2018)
DST & TI with NSRCEL, IIMB	- Quarter Finalist in India Innovation Challenge Design Contest (2017)
Coimbatore Institute of Technology	- Won Best project award for Implementation of IoT Based Smart Laboratory (2018) - Secured 1st position in "Line Follower Bot" event organized by Robotics Club (2016)

OTHER INTERESTS AND HOBBIES

▪ Music Composing ▪ Photography ▪ Multimedia Designing ▪ Hobby tool developing