G S NIKHIL

Electronics and Communication Undergraduate Student

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WORK EXPERIENCE

Student Trainee
Samsung Semiconductors India Research

📅 May 2019 – July 2019   📍 Bangalore,India

- Worked on Coexistence of LTE and Wi-Fi using ns-3 simulations.

Front-End Web Developer - Intern
Rekindle Automations

📅 May 2018 – July 2018   📍 IIM Bangalore, India

- Worked on a developing a web-based dashboard which display real time data from various sensors in a healthcare environment.

Internship Coordinator
Career Development Center

📅 March 2018 – April 2019   📍 NITK Surathkal, India

- Worked with various companies to hold internship drives at NITK, Surathkal

Digital Marketing Intern
Gamatics India

📅 May 2018 – August 2019   📍 IIM Bangalore, India

- Developed multiple ad-content for their digital marketing.
- Over 5000 app downloads in 4 weeks.

ACHIEVEMENTS

- Winner, Ernst and Young(EY) Business Case Study Challenge(2019) – Modelled a feasible solution on exploring the shipping industry.
- Karnataka state Runner-up, Titan Genius Kidz Awards – an aptitude test for high school students.
- Among top 5 teams, Jawaharlal Nehru National Science Exhibition – A science exhibit competition for high school students.
- Rajya Purskar Award Recipient – The Award for Scouting issued by the Governor of the State.
- Runner-Up, Samsung Badminton Tournament

EDUCATION / COURSES

Bachelor of Technology
National Institute of Technology Karnataka, Surathkal

📅 2016 - 2020   📍 Surathkal, India

Pre-University Education
Narayana Independent PU College

📅 2014 - 2016   📍 Ballari, India

School
Kendriya Vidyalaya Ballari

📅 2007 - 2014   📍 Ballari, India

INTRODUCTION

I am an engineering student graduating from National Institute of Technology Karnataka, Surathkal. As work will make up significant part of my life, I aspire to work in the most challenging areas.

POSITIONS OF RESPONSIBILITY

- Head of E-Cell, The Entrepreneurship Club at NITK Surathkal.
- Executive Member of ACM NITK.
- Publicity Coordinator at VOICE Club NITK.
- Scouts Troop Captain, Kendriya Vidyalaya Ballari.
- Vice-Captain, Blue House, 'House of the Year' trophy.

PROJECTS

LTE Wi-Fi Coexistence
- Worked on LTE Wi-Fi coexistence using ns-3 simulations.

4-bit Wallace Multiplier
- Designing of a 4-bit Wallace Multiplier using Standard Cell Libraries with Magic and ng-spice software.

Dynamic Lane Follower bot
- A GUI allowed user to draw a random path. Once drawn, the co-ordinates are transferred to the bot wirelessly. The bit starts to follow that path in the real world.

Colour Game
- A simple web-based game with the objective of choosing the right colour among various different colour options.

Patatap Clone
- A fun music game for kids, every key is mapped to a music and an animation, which is triggered on a key press.

Bluetooth Controlled Bot
- An app was used to pair a mobile with Bluetooth. Arduino was used to control the bot.

INTERESTS & HOBBIES

- Non-fiction books
- Swimming
- Behavioral Science
- Basket-Ball
- Life After Death