

ROHAN SINGH



✉ CONTACT

+91 9650093946
iamrohansingh1@gmail.com
<https://www.linkedin.com/in/rohans12/>

EDUCATION

B.Tech. in Electronics and Communication from
Bharati Vidyapeeth's College Of Engineering, IPU
(2015 - 2019)
DAV Public School
Vikas Puri, New Delhi, India
(2001 - 2015)

TECHNICAL EXPERIENCE

• Associate Software Engineer, Accenture (February 2020 - Present)

Designed, deployed and supported best in class software development processes and tools. Defined the module specific requirements for software development projects. Developed coding and design tasks to ensure software meets specified performance and reliability requirements. Conducted systems programming in Salesforce, Java etc.

• Business Development Associate, BYJU'S The Learning Application (July 2019 - December 2019)

Worked on a comprehensive sales strategy including education counselling, mentoring and sessions. Conducted market research, developed business strategies, built client relationships, and identified new business opportunities. Worked in inside sales and outside sales.

• Project Intern, Indian Institute of Technology, Delhi (August 2018 - May 2019)

Worked to improve the Indian road scenario using Neural networks, LSTM framework model, DL based approaches and non-DL based approaches for MOT. Different kinds of GANs were also studied, developed and implemented.

• Project Associate, Department of Science and Technology, GOI (December 2017 - July 2019)

DST funded project to develop an autonomous intelligent drone for city surveillance in order to reduce the crime rates in a close tie-up with the police under ICPS programme.

• Research Assistant, Indian Institute of Technology, Kanpur (June 2018 - July 2018)

Developed a flexible integrated system containing a printed solid-state supercapacitor and a sensor network for smart and wearable electronics for DST. Also operated different types of machines and learnt scientific techniques and did various lab visits.

• Research and Development Intern, ISRO and IIT, Kanpur (December 2017 - January 2018)

Designed an electronic control circuit for a portable nanoporous palladium sensor for sensitive and rapid detection of Helium and its fabrication, for ISRO.

• Industrial Intern, ABB (ASEA Brown Boveri Limited) (June 2017 - August 2017)

Nameplate Methods, Fiber Laser Marking, Total Harmonic Distortion in VFDs, Working and Construction of Induction Motor, Motor Manufacturing Process, Motor Testing and Operating Procedure for Type Test.

• Internship Trainee, Indian Railways (December 2016 - January 2017)

Studied and understood the working of Railway Communication and Data Analytics at NDLS.

• Industrial Trainee, Maruti Suzuki India Limited (April 2016 - June 2016)

Value Stream Mapping of the assembly line, implemented lean manufacturing techniques and ensured total employee involvement and skill development. Attended several trainings, shop floor visits and departmental tours

• Industrial Trainee, Precision Electronics Limited (November 2015 - December 2015)

Studied the manufacturing for different electronic products like Microprocessor/ Micro-Controller based Systems, RF systems, FPGA, PCBs, powersupply systems, multiplexers, Railways and Military apps.

CREATIVE EXPERIENCE

• Fellow Designate, Yes Foundation MFSC Fellowship 2019 (May 2019 - July 2019)

Selected out of 16,000 aspirants for this fellowship wherein high potential youth are trained by industry leaders followed by an intensive 2-month placement in a Non-Profit where the fellows lead well-defined projects to maximize the communication efforts.

• Digital Marketing Manager, Xoompixel (July 2018 - September 2018)

Increased the popularity of new businesses by rolling out regular posts, created back links and ads to expand the reach and create leads. Email marketing and development of good branding strategy.

• Content Developer and Social Media Manager, Igreenik (Dec 2017 - Jun 2018)

Used Yoast SEO plugin in WordPress to improve the content and reach in real time, and monitor the SEO performance. Created successful digital campaigns, updated the company's website and social media presence. Coordinated with developers to increase the traffic, reduce site speed and provide an overall fulfilling experience to the readers.

• Sales and Marketing Intern, Nearbuy (July 2017 - September 2017)

Increased visibility and engagement for the brand through Social Media Marketing, Word of Mouth Marketing and Content Writing that helped in new customer acquisitions.

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PROJECTS

- Detection and Tracking for Self Driving Cars (IIT Delhi)
- Intelligent Drone for City Surveillance (Department Of Science And Technology, GOI)
- Neural Machine Translation Using Sequence to Sequence Learning
- Low Power SRAM Optimization, Techniques And Memory Controller Design
- A Solid State Supercapacitor and Sensor Network (IIT Kanpur)
- Nano Porous Palladium Sensor for Sensitive and Rapid Detection of Helium (ISRO, IIT Kanpur)
- Low Cost And Efficient Solar Powered Spy Car (IEEE, PES, DTU)
- Fibre Laser Marking and Total Harmonic Distortions in VFDs (ABB)
- Value Stream Mapping and Total Employee Involvement (MSIL)

SKILLS

- Machine Learning, DL, AI
- Python, Java, SQL, C
- Salesforce
- Digital Electronics, VLSI, VHDL, STA
- Research and Scientific Writing
- Content Writing and Digital Marketing
- Efficient Leadership skills
- Event Management
- Exceptional communication and networking skills
- Ability to work in a team as well as independently
- Ability to work under pressure and multitask
- Ability to follow instructions and innovate

TRAININGS AND COURSES

- KPMG Data Analytics Virtual Experience Programme
- Deep Learning A-Z™: Hands-On Artificial Neural Networks (Udemy)
- Python For Data Science And Machine Learning (Udemy)
- Technical Skill Enhancement Workshop on SRAM Design - Specs Finalization to Tapeout (CDAC, Synopsys, BVP)
- VLSI Design: Current Trends (CoreEL Technologies)
- MEMS, Microfabrication and Nanotechnology (IIT Kanpur)
- A Course On Flexible Electronics (NCFLEXE, IIT Kanpur)
- Communication Skills for Professionals

VOLUNTEER EXPERIENCE

- **Technical Mentor and Social Media Manager, Protsahan India**

(June 2019 - July 2019)

Covered the GIFT Hackathon (Intel and NASSCOM), taught and mentored the kids. partnered with Google under Google Serve project, wrote blogs, made posters on sensitive issues. organized a ten days summer camp for the kids, handled the social media pages.

- **Event Manager, Marketing and Fundraising Head, Akshaya Patra**

(July 2015 - August 2016)

Conducted various awareness campaigns, events and classes; managed the marketing and promotional tasks as well as the overall coordination of the programmes.

- **Campus Ambassador, Election Commission of India**

(January 2017 - April 2017)

Organised campaigns, awareness drives and set up booths to enhance the electoral participation and education among youth electors during Special Summary Revision 2017.

- **Coordinator and Volunteer, National Service Scheme**

(September 2016 - May 2019)

Conducted rallies and awareness drives on environmental pollution, girl child education in Jhajjar district, Haryana as a part of Swachh Bharat Abhiyan. Digital Financial Literacy Campaign, Mega Job Fair, Blood Donation Camp, Tree plantation in the premises, awareness programmes on drug abuse, AIDS, population education and other projects.