

KAUSTUBH BHATTER

Engineer

I am a fresh undergraduate seeking to work in the technical domain as a developer or an analyst.

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EDUCATION

B. Tech: Vellore Institute of Technology, Vellore

C.G.P.A.: 8.40 2014-2018

Major: Electronics and Communication

School: Don Bosco Park Circus, Kolkata

I.C.S.E.: 94% 2011

I.S.C.: 93% 2013

WORK EXPERIENCE

† **Software Developer Intern**

Phazr India, Bangalore May, 18 – June, 18
Working on developing software solutions to jumpstart a 5G infrastructure for future application. Working in an atmosphere of Python and Linux systems. Currently developing a Speed Testing app.

† **Communications Intern**

Bharati Airtel, Kolkata Dec, 16 – Jan, 17
Worked on router configuration, signal monitoring and mobile communication architectures.

† **Hardware Intern**

NVIDIA, Bangalore May, 16- July, 16
Worked with the hardware validation team for product validation, especially I2Cs and SDRAMs.

PROJECTS

† **Nanoparticle based Water Treatment System:**

Via automated particle dispersion and recovery, nanoparticles having electromagnetic properties were used to remove impurities using synchronized stepper motors.

† **System for Advanced Locking and Ticketing:**

SALT proposes a train seat locking system with real-time monitoring of the seat status. It ensures authentic seat occupancy and in-motion seat booking opportunities. An app was also developed to monitor the active seat status.

† **Density based Traffic Monitoring:**

Created an active traffic density monitoring setup to develop automatic traffic-light switching algorithms.

SKILLS AND ABILITIES

† Back-end Programming languages: Java, Python

† Data Structures and Algorithms

† Front-end Languages: HTML, CSS

† Databases: SQL

† Worked Softwares: Android Studio, Arduino, MATLAB, Prezi

† Spoken Languages: English, Hindi, Bengali, French

IMPORTANT ROLES

† **Public Relations Head**

Nature Club Feb, 15 – May, 17
Led my team to educate underprivileged children. Head of the sponsorship and publicity team to create awareness, collaborate with other organizations and generate financial resources.

† **Core Committee Member**

The Electronics Club Feb, 16 – Nov, 17
Part of the technical and management team during the club's tech-sessions and workshops, and to generate financial resources for the same.

† **Publicity Coordinator**

Riviera, VIT University Oct, 16 – Feb, 17
Responsible for state level publicity in West Bengal and on-campus publicity of various events and agendas of the fest, online and offline.

ACHIEVEMENTS AND AWARDS

† 1st in Eastern Zone, BITM Debate

† 1st, Hindustan Lever Speech Competition

† 1st, Boscotsav, Don Bosco Liluah, Debate

† 2nd, Frank Anthony Debate

† 1st, Hindustan Lever Drama Competition

† 1st, Bosco Challenge Shield, Basketball

OTHER INTERESTS

Football

Basketball

Badminton

Guitar

Dramatics

Debating

Event Hosting