

Vijay Kumar Varma Ganaraju

Qualified by

Bachelor of Technology in Computer Science and Engineering from **Lendi Institute of Engineering & Technology**, affiliated to Jawaharlal Nehru Technological University, Kakinada.

Period of study: August, 2015 – May, 2019

Aggregate Percentage: 75.61%

Intermediate with Math, Physics and Chemistry as electives from Sri Chaitanya Junior College.

Period of study: May, 2013 – May, 2015

Aggregate Percentage: 91.6%

Standard X from PSR Public School, Vizianagaram.

Year of passing: April, 2013

GPA: 9.2 / 10

Project work

Naukrama.com by Mi2 Business Solutions (<http://www.naukrama.com/>)

A website for learners and educators to post articles, take tests and create and join various communities using Angular 5, Node 8.0 and Microsoft SQL.

Role: Intern as Front End Developer.

Real-Time Object Detection and Vocal Description.

A machine learning application using YOLO algorithm to detect objects and speak out their names and its proximity in distance using Python and OpenCV.

Role: Application developer.

Automatic Resumé Generator.

A web service that generates a Resumé for you upon provided information using Angular 6, Node.js and MongoDB.

Role: Front End & Back End Developer.

REST API for shopping. (<https://github.com/VJmix/rest-shop>)

A RESTful web service for managing products, orders and users for e-commerce website using Node.js, Express.js and MongoDB.

Role: Back End Developer.

Website for College Fest. (<http://elevar.rf.gd>)

A website for exploring and registering for various events for Elevar Technical Fest 2K18 using HTML, CSS, Bootstrap and Firebase.

Role: Front End Developer.

Autonomous Vehicle. (<https://github.com/VJmix/autocar>)

A mini vehicle that detects and avoids obstacles on its destined way using Embedded C and buffer for directions.

Role: Programmer.

Smart helmet for Coal Miners.

A helmet with embedded utility hardware to detect heart-rate, poisonous gases and SOS signaler for emergencies using microcontrollers and sensors with Embedded C.

Role: Programmer.

Artwork for College Fests (Elevar 2K18 and Taksh 2017).

Designed and created artwork for College fests including logos, banners, backdrops etc. using Adobe Illustrator and Adobe Photoshop.

Role: Co-Lead Designer.

Achievements

Chair of IEEE Student Branch at Lendi Institute of Engineering & Technology, 2018.

Qualified for Round 1 in TCS Codevita, 2018 and received a job offer in TCS Digital.

Winner of Technical Quiz, conducted by IEL chapter at Lendi Institute of Engineering & Technology, 2017.

Qualified for Round 1 in TCS Codevita, 2016.

1st in Innovative ideas at Annual Taksh celebrations in Lendi Institute of Engineering & Technology, 2015.

Core competencies

Programming Languages: Python, C++, Embedded C.

Web Technologies: HTML, CSS, JavaScript, Angular, Node.js.

Databases: Oracle SQL, Google Firebase, MongoDB.

IDEs: Eclipse, Android Studio.

Designing Tools: Adobe Photoshop, Adobe Illustrator, Blender, Unity Engine.

Editing Tools: Adobe After Effects, Adobe Premiere Pro, Adobe Audition, Audacity.

Trivia

Assembled a series of invited talks with renowned scholars on "5G Communication", "Women in Engineering", "Careers in Technology", "Leadership skills in surviving and thriving in modern times" and "RF Radiation Hazards and its Impact on Human" on behalf of IEEE (as Student Chair).

Conducted workshops with my peers on Android App Development and Internet of Things for my juniors in college (as a Speaker and an Organizer).

Good at 3D modelling, Video editing and Videography.

Runner up in College Basketball tournament, 2017 and 2016.

I hereby declare that the information and facts provided above are true and correct to the best of my knowledge.

Vijay Kumar Varma Ganaraju