

MANDAR BURANDE

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ACHIEVEMENTS

- Selected for GirlScript Summer of Code 2021 – a 3-month long Open-Source program.
- Among the top-30 teams from NIT Trichy in the HSBC Business Case Study Competition '20.
- Gold Level Badge in problem solving on HackerRank.

PROJECT WORK

E-COMMERCE PORTAL

Developed an e-commerce shopping portal similar to Amazon.com using **Node.js**, **Nuxt.js**, and **Express.js**. The portal consists of separate Vendor and Customer web apps and includes authentication features. Used **Vue.js** and **Nuxt.js** for front-end, **AWS S3 Bucket** and **MongoDB** for storage and database, and **NodeJS** for back-end.

LOAD FORECASTING USING ARTIFICIAL NEURAL NETWORKS

Designed multiple Neural Network models that uses real-time data from the Delhi SLDC to predict the daily expected Energy Load requirements. It can be used by the electricity board to tackle the load demand better to reduce downtime.

LINK: <https://github.com/MandarB01/load-forecasting>

BREAKING BAD

Used **ReactJS** that uses the Breaking Bad API service to make **API** calls and display the pictures and information about the characters from Breaking Bad, a popular TV series. It also features a **dynamic search bar** that allows users to search the characters using their names.

LINK: <https://github.com/MandarB01/breaking-bad>

WEBSITE DESIGN, LAKSHYA NIT-TRICHY

Designed the **official website for Lakshya '19**, NITT's Defence Services fest using Wix.com and gained an insight into Front-end Website Development. Worked with images, fonts, colours, styles, and improved the understanding of these elements and their interplay.

LINK: http://bit.ly/Lakshya_19

WORK SAMPLES: https://bit.ly/Mandar_work_samples

CERTIFICATIONS

C++ (SoloLearn), SQL (SoloLearn), Problem Solving (HackerRank), Responsive Web Design (University of London – Coursera), Elements of AI (University of Helsinki, Finland)

EDUCATION

2018 – PRESENT

UNDERGRADUATE (B.TECH), NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY (NIT-T)

Currently in my pre-final year at **NIT Tiruchirappalli** (NIRF Rank – 9) doing my Bachelor's in Technology with Majors in **Electrical and Electronics Engineering** and Minors in **Computer Science Engineering**.

2017 – 2018

HIGHER SECONDARY (XII), D.A.V. PUBLIC SCHOOL, AIROLI, NAVI MUMBAI

Scored **92.8%** in the examinations and received a school award for **distinguished performance**.

2015 – 2016

SECONDARY (X), D.A.V. PUBLIC SCHOOL, AIROLI, NAVI MUMBAI

Scored **95.8%** in the examinations and received a school award for **distinguished performance**.

SKILLS

- Data Structures and Algorithms
- **Languages:** C++, Python, JavaScript
- **Tools:** Git, AWS S3, MS Office, MS Teams
- Creative Problem Solving
- **Web Technologies:** Node.js, Express.js, React.js, MongoDB, Nuxt.js

POSITIONS OF RESPONSIBILITY

DEPUTY MANAGER, TECHNICAL COUNCIL

(NOV 2019 – PRESENT)

A technical wing of the Students' Council and responsible for bringing about technical solutions to solve campus problems. Coordinate with the administration, the technical labs, and technical clubs of NIT-T to develop a more conducive tech environment in the college.

CADET SERGEANT, A-FLIGHT NCC

(AUG 2018 – PRESENT)

Train and mentor a junior batch of 15 cadets in performing drills and handling weapons. Participated in training camps and won multiple accolades. Conduct campus development and social responsibility initiatives like Cloth Donation, Tree Plantation, Breast Cancer Screening on behalf of NCC in college.

PERSONAL DETAILS

LANGUAGES

English – Professional fluency
Hindi – Native fluency
Marathi – Native fluency

DATE OF BIRTH - March 1st, 2000

GENDER - Male

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