



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
NAGPUR

BADUGU VIKAS

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Postal Address : 22-15-20/1, Behind Uma Nursing Home, Chirala, Prakasam-523155, Andhra Pradesh.

OBJECTIVE:

"Seeking a job to gain industrial experience and to explore applications of knowledge obtained through college curriculum and skills gained in various academic projects."

ACADEMIC QUALIFICATION:

Enrollment no : BT16ECE013

Branch of Study : Electronics and Communication Engineering

Current CGPA : 7.71/10

QUALIFICATION	INSTITUTE	YEAR	SGPA	CGPA
B.Tech. 8 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2020	8.16	7.71
B.Tech. 7 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2019	7.95	7.66
B.Tech. 6 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2019	8.27	7.60
B.Tech. 5 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2018	8.83	7.47
B.Tech. 4 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2018	7.18	7.10
B.Tech. 3 rd Semester	Visvesvaraya National Institute of Technology, Nagpur	2017	7.42	7.06
B.Tech. 2 nd Semester	Visvesvaraya National Institute of Technology, Nagpur	2017	6.48	6.91
B.Tech. 1 st Semester	Visvesvaraya National Institute of Technology, Nagpur	2016	7.32	7.32
CLASS XII(HSC)	Sri Gowthami Junior College, Chirala	2016	98.3%	98.3%
CLASS X(SSC)	Sri Chaitanya High School, Chirala	2014	9.7 of 10	9.7 of 10

TECHNICAL SKILLS:

- **Programming Languages:** JavaScript, Python
- **Web Development:** HTML, CSS, BOOTSTRAP, React, NodeJS / ExpressJS
- **Database :** mongoDB, SQL

PROJECTS:

TITLE : Image Steganography using Discrete Wavelet Packets

- different Secret image (32x32, 64x64) is stored in higher frequency sub-bands of cover image (512x512) in wavelet packet domain.
- Secret data is scattered across various frequency sub-bands to improve security.
- This steganographic algorithm is robust against different types of noise such as Gaussian noise, salt & pepper noise and Rayleigh noise.
- Paper got accepted for 4th International Conference on Optical and Wireless Technologies (OWT2020) at MNIT, Jaipur.
 - **Technologies:** MATLAB

TITLE: URL shortener Web Application

- Authentication - The users can register and then login to the application. An email with a link containing an activation link is sent to the user to verify and prevent unauthorized logins.
- Users are authorized using json web tokens, users can enter long urls and get short urls and also can view the dashboard of all the urls created using this app per day and per month
- Users can retrieve their accounts if they forget their passwords, emails with password reset links will be sent.
 - **Technologies and packages:** HTML, BOOTSTRAP, JavaScript, NodeJS, ExpressJS, mongoDB, bcryptjs, jsonwebtoken.

ACTIVITIES:

TITLE: MINESWEEPER

Description: A game is designed where user can select between three difficulty levels. The game gets over either if user presses on a bomb in a grid or escapes all the bombs. The website is responsive to all the screen sizes.

Technologies: HTML, CSS, JavaScript

TITLE: NEWS WEBSITE USING NEWYORK TIMES API

Description: Data is fetched from new york times api, and important information is presented to user in bootstrap cards. Users can filter the results based on different categories.

Technologies: HTML, CSS, JavaScript, Bootstrap

TITLE: TODO LIST APP

Description: A todo list web app in which user can choose between three different priority levels. Add new tasks and change their priorities. Filter the tasks based on their priorities.

Technologies: REACT