EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	7.54 / 10
2020	Higher Secondary Certificate	SASI Junior College,Vellivennu	9.94 / 10
2018	Secondary School Certificate	SASI Educational School,Nidadavole	9.80 / 10

COURSEWORK INFORMATION

- **Core:** Analog Electronics | Digital Electronics | Signal and Systems | Control Systems and Engineering | Network Theory | Semi Conductor Devices | Digital Signal Processing | RF &Microwave Technology | Analog Communications | Analog and Digital Electronics Laboratory.
- **Programming:** Design and Analysis of Algorithms | Programming and Data Structures | Computer Architecture
- **Ongoing Courses:** VLSI | Digital Communication | Secure Communication | Embeded Systems Laboratory
- **Mathematics:** Advanced calculus | Linear Algebra | Numerical and Complex Analysis | Probability and Statistics

SKILLS AND EXPERTISE

- **Programming Languages :** C | C++(advanced) | Python (intermediate) | Data Structuresand Algorithms
- **Programming Skills:** HTML | CSS | Java Script (basic) | React JS (basic) | Bootstrap | Mysql
- **Technical Skills:** Microsoft Word | Exel | Power Point **Operating Systems**: Windows | MacOS
- **Simultion Softwares :** Matlab | Aurdino Uno | Circuit Maker | LT Spice | Tina Ti | Tinker CAD
- Took an advanced **HTML5** and **CSS3** course while studying full-time
- Achieved CSS skill assessment certificate by **HackerRank** Community
- Developed the Disney+ clone using HTML, CSS , JavaScript
- Developed the Note Making App using React

PROJECTS

Personal Portfolio Website [Self Project]
- Learnt **front-end development** and started making small projects like **Disney+ Clone** ,**Note Taking App** , **Calculator** and my **Portfolio website**
- Designed this website using **HTML ,CSS , Java Script** published and hosted by **Replit**   (https://replit.com/@RameshNaik9)
- That opens my website and showcase my profile there and users can make contact me on social media by clicking contact button on my site easily and they can also download my resume there by
- Main motive to create this website to increase credibility and visibility in a highly competitive industry

Sudoku Solver [Self Project]
- Worked on creating Sudoku Solver using C++ language and Back Tracking Algorithm
- The backtracker solves the game at any time based on the current location

Weather forecasting [Self Project]
- ReactJS based weather application is build, which displays current Temperature, Time, Humidity, Pressure, at a particular city
- Weather forecasting API is taken from OpenWeather official website in order to fetch data of each city
- Widget icons are used and implemented custom CSS for better user interface
- Tools used - VS Code, React, JavaScript, CSS, HTML

Netflix Clone [Self Project]
- Designed an interactive GUI using React and JavaScript which closely resembles the Netflix app
- A third-party API is used to fetch data about movies and series, firebase is used to deploy the app and host it online
- Tools used: VS Code, JavaScript, HTML, CSS, React, Firebase

AWARDS AND ACHIEVEMENTS

- Achieved **Dr.APJ Abdul Kalam Prathiba Award** issued by Andhra Pradesh state government (0.67% among 6 lakh students)
- Achieved **Center first** Rank in **MSET** (Maths Scholarship Eligibility Test) conducted by **A.I.M.Ed** (Association for Improvement of Maths Education)
- Selected for stage-2 of **National Talent Search Exam (NTSE)** 0.85% among 1 million students
- Secured state rank 271 (top 0.14%) in AP EAMCET (**Engineering Agricultural and Medical Common Entrance Test)**

CERTIFICATIONS

- Participated in open acess Accenture Virtual Experience Developer program with Forage
- Tasks completed include Architecture, Programming, Testing, Security, Artificial Intelligence

POSITIONS OF RESPONSIBILITY

- Brought in 14 students from my circle and assisted them in getting easy access for various courses and internship programs related to their respective domains at Internshala

EXTRA CURRICULAR ACTIVITIES

- Active member at **National Sports Organisation** (NSO) Health and Fitness cricket at IIT Kharagpur
- Participated in Tree plantation Programme, Yoga sessions , Swatchh Bharat Champaign , Mental awareness Programmes and Disaster Management workshop conducted by National Sports Organisation (NSO) IIT Kharagpur
- Actively participated for the Hall illumination and Rangoli events of Lal Bahadhur Sastri Hall of Residence
- Worked as a member of mess monitoring committee (MMC) at Lal Bahadhur Sastri Hall of Residence
- Participated in General Championship Social and Cultural event in Dramatics as a properties handler and helped the event to be Conducted and Organised better for the Lal Bahadhur Sastri Hall of Residence in the year 2022