

BEKKARY NITHIKESH

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🐙 [Github](#)

🌐 [GeeksforGeeks](#)

EDUCATION

Vellore Institute of Technology, Tamil Nadu

B.Tech - Electronics and Computer Engineering - CGPA - 7.43

2019 – 2023

Chennai, Tamil Nadu

COURSEWORK / SKILLS

- DSA
- Oops Concepts
- Web Development
- Software Engineering
- MERN Stack
- Data Analytics
- Cloud Computing
- DBMS

PROJECTS

Resume Maker 🔗 | React, JavaScript, Firebase, Database - Firestore, IDE - VS Code

- Created a dynamic Resume Maker application enabling users to effortlessly generate customized resumes by inputting their personal details.
- Implemented robust user authentication using Firebase and securely managed user data with Firestore Database integration.
- Successfully constructed and integrated user signup, login, and logout functionalities, enhancing the overall user experience with a seamless UI.

Specialized encrypted access using text Steganography 🔗 | Java, Springboot, React, MySQL, Postman

- Developed a web application with React as the frontend and Spring Boot for the backend.
- Implemented user authentication features including SignUp and SignIn using Spring Security, integrated with MySQL for database management.
- Engineered a secure API-sharing application, utilizing encryption and steganography to protect data transmission between client and admin.
- Designed and developed four distinct modules: Client, User, Admin, and Analyst.

Clean Plate Detection 🔗 | Python, Jupyter Notebook, Image Classification

- Developed an innovative deep learning model to accurately classify clean and dirty plates in the hostel mess.
- Curated and preprocessed a comprehensive dataset of images from the hostel mess, extracting pertinent features for input into deep learning models.
- Attained nearly 90 percent accuracy in classification using the ResNet50 model, significantly improving operational efficiency in the hostel mess.

Hotel Booking website 🔗 | React, Redux, Nodejs, Expressjs, MongoDB, MERN, JavaScript, CSS, HTML

- Created a Hotel Booking website using React.js, enabling users to book hotels.
- Implemented SignUp and Signin functionality using expressjs as backend and MongoDB atlas as Database.
- Followed Agile development cycle for this project so that still many features can be implemented in this projects.
- Integrated Stripe payment gateway to ensure the clients could pay securely.

Aspect Based Sentimental Analysis 🔗 | Python, Pyspark, Jupyter Notebook

- Utilized the Yelp dataset to perform sentiment analysis on various aspects of customer reviews.
- Employed BART and DistilBERT models for aspect-based keyword extraction and sentiment analysis.
- Contributed to improving business feedback accuracy by 30 percent.

E-commerce website 🔗 | HTML, CSS, Javascript

- Developed a static e-commerce website utilizing HTML, CSS, and JavaScript.
- Designed a responsive website that incorporates all fundamental e-commerce features.
- Outlined a roadmap for enhancing the website's functionality by integrating dynamic technologies such as React.js.

Other Web Projects 🔗 | HTML, CSS, JavaScript, React

- Engineered a range of projects using JavaScript and React, including a calculator, weather app utilizing the OpenWeather API, ToDo list, QRCode Generator, music player, and an image drag-and-drop tool.
- Showcased these and other projects on my GitHub account for further review.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, Redux, Angular, MongoDB and Mongoose, Express, Javascript, NodeJS, Postman, Docker Bootstrap, Stripe Payment gateway, Springboot, Spring Security, Django, Ms Office tools, Excel, PowerBI, Pytorch, Pandas, numpy, Cloud Technologies- Azure and AWS

Developer Tools: VS Code, PyCharm, Eclipse, Canva

CERTIFICATIONS

- Azure Fundamentals - Microsoft
- Google Cloud BootCamp - GFG
- Web Development - Internship Studio
- Software Engineering Virtual Experience Program, Goldman Sachs - Forage
- Java FullStack - Shiash Infotech Solutions