

NAVEEN D

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LinkedIn

GitHub

Portfolio



EDUCATION

PES University

B.Tech in Computer Science & Engineering - CGPA- 7.53

2021 – 2025

Bengaluru, Karnataka

Alvas PU College

Pre University - Class XII - Percentage- 100%

2019 – 2021

Mangaluru, Karnataka

Anthyodaya High School

High School - Class X - Percentage- 97.44%

2018 – 2019

Tumkur, Karnataka

EXPERIENCE

Python Developer Intern - Aislyn Technologies | Internship

March 2025 – June 2025

- Engineered an image dehazing pipeline utilizing **Principal Component Analysis (PCA)** and **Dark Channel Prior (DCP)**, enhancing visual clarity of foggy images by **40%** in test conditions.
- Deployed a fast global smoothing filter for transmission map refinement, **decreasing noise by 20% and distortion by 10%** in foggy images, deemed the 'most reliable filter' in team evaluations.
- Managed project timelines, collaborated with cross-functional teams to enhance project success rate.

PROJECTS

Food Delivery Application | MERN Stack

[Link](#)

- Developed a **comprehensive food delivery platform** leveraging the **MERN stack**, incorporating **user authentication**, and **interactive cart** that improved order processing speed by 40%.
- Integrated **MongoDB** for seamless order tracking and menu management resulting in a **50% reduction** in order processing time and improving inventory accuracy.
- Designed a **responsive, user-centric interface**, improving cross-device accessibility and boosting user engagement by 30%.

Medication Advisor Using Conversation AI | Html, CSS, Javascript

[Link](#)

- Web-based application designed to **assist users in obtaining medication suggestions and medical advice** based on their symptoms and age groups.
- By leveraging **AI-powered API's**, the application provides tailored recommendations for various health conditions, ensuring suitability for specific demographics, **including children, adults, and the elderly**.
- Aims to simplify the process of **finding appropriate medication** while **offering basic medical guidance**.

PAYANA: Tours and Travels | Java, Spring Boot, MySQL

[Link](#)

- Engineered a comprehensive **tour and travel management** system using **Java, Spring Boot**, and **MySQL**, streamlining booking processes for over **1,000 users** and enhancing the user experience.
- Streamlined manual tasks, including reservation management and customer data handling, leading to a **30% increase in operational efficiency** for travel agencies.
- Constructed robust backend functionality with **Java**, integrated APIs using **Spring Boot**, and optimized database performance with **MySQL**, reducing query execution time by **25%**.

TECHNICAL SKILLS

Languages: Java, C, HTML, CSS, JavaScript, Python(Basic)

Technologies/Frameworks: ReactJS, NodeJs

Databases: SQL, MongoDB

Coursework: DSA, OOPs, OS, CN, DBMS, ML, Cloud Computing

Developer Tools: VS Code, Git, GitHub, Wireshark, Figma, Canva

EXTRA CURRICULAR

Kannada Koota PESU | The Literature Club

Jan 2023 - June 2024

Content Domain

- Anchored and coordinated **3 major cultural events**, including one with **1,800+ participants**, increasing audience engagement by **30%** through effective communication and promotion.
- Organized **3 Quiz competitions**, fostering cultural awareness while engaging **150+ participants**.