MUHAMMAD NAVAS

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CAREER OBJECTIVE

Computer Science (AI & ML) undergraduate skilled in Python, Data Structures, Machine Learning, and Full-Stack (MERN) development, with experience building AI-powered systems, REST APIs, and RAG-based solutions, seeking Software / AI Engineer roles.

EDUCATION QUALIFICATION

- **Bachelor of Engineering - Computer Science and Engineering (Artificial Intelligence & Machine Learning)**
  CMR Institute of Technology, Bengaluru
  CGPA: 9.39, 2027 (Pursuing)

- **Pre-University Course – Science**
  KGN Pre-University, Mittur
  79.5%, 2022

- **SSLC**
  B. Siddannaya High School, Ballupete
  92.6%, 2020

TECHNICAL SKILLS

Programming Languages: Python, C, JavaScript, Java, SQL
Operating System: Windows, Ubuntu, Linux
Database: MySQL, MongoDB
Frameworks: ReactJS, NodeJS, FastAPI, NextJS
Web Technologies: HTML, CSS, JavaScript

PROJECTS/TECHNICAL EXPERIENCE

- **Notezy.online – Student Resource Hub**
  - Designed and developed a full-stack MERN application serving 5,000+ active users.
  - Built REST APIs for uploading, retrieving, and managing 1,000+ academic resources.
  - Integrated Gemini LLM for intelligent search and content recommendations.
  - Used Google Drive API for scalable cloud storage and efficient file management.
  - **Tech Stack**: MERN Stack, Google Drive, Gemini LLM, REST API

- **AI Technical Interviewer**
  - Developed an AI-powered technical interview platform using MERN and Python.
  - Implemented automated interview scheduling and candidate management workflows.
  - Integrated an AI interviewer for real-time technical Q&A and evaluation.
  - **Tech Stack**: MERN, Python, LLMs, REST API

- **MazeScape – AI-Powered Maze Escape Game**
  - Designed and developed a browser-based maze escape game using JavaScript.
  - Implemented A* pathfinding algorithm for AI ghosts to intelligently chase players.
  - Optimized game logic for smooth performance and responsiveness.

- - Built procedurally generated maze levels for dynamic gameplay.
  - **Tech Stack**: JavaScript, HTML, CSS, A* Algorithm
- **RAG-Enhanced Fake News Predictor**
  - Developed a fake news detection system using Retrieval-Augmented Generation (RAG).
  - Integrated multi-API verification and machine learning models for content analysis.
  - Designed an AI pipeline for real-time news authenticity validation with detailed insights.
  - **Tech Stack**: Python, Streamlit, RAG, APIs, Machine Learning
- **LinkUp – Coding Challenge & Talent Discovery Platform**
  - Built a full-stack platform connecting students and companies through coding challenges.
  - Developed role-based dashboards for students and recruiters using React and Node.js.
  - Implemented challenge creation, code submission, and solution review workflows.
  - **Tech Stack**: React, Node.js, Express, MongoDB, TailwindCSS

CO-CURRICULAR ACTIVITIES

- **Hackathons & Competitions:**
  - Participated in Smart India Hackathon 2025 at CMRIT
  - Participated in Social Hackathon 2025 at CMRIT
  - Participated in TrafficTech Ideathon 2025 at CMRIT
  - Participated in Apticode Showdown 2.0 2025 at CMRIT
- **Technical Club Activities:**
  - Served as a Technical Team Member of BrainBot Club at CMRIT 2025
  - Coordinated CULTURA'25 — GLITCH HACKERS, a coding challenge event 2025
  - Organized a Git & GitHub workshop on version control at CMRIT 2025
- **Certifications:**
  - Certified on topic "SQL for Data Science" from Coursera 2025
  - Certified on topic "Generative AI" from Coursera 2025
- **Achievements:**
  - Ranked in Top 50 at SIH 2025 Internal Hackathon at CMRIT
  - Secured 2nd Prize at Traffic Tech Ideathon 2025
  - Solved 160+ Data Structures & Algorithms problems on LeetCode

PERSONAL DETAILS

Date of Birth	: 02-January-2005
Gender	: Male
Nationality	: Indian
Permanent Address	: Eshwarahalli Kudige, Palya, Alur Taluq, Hassan, Karnataka –573218
Linguistic Competencies	: English, Kannada
Hobbies	: Exploring AI Tools, Coding Challenges, Playing Chess