Bhuvanesh Srikanth

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Profile

I'm a Computer Science undergraduate with a keen interest in understanding how software systems work beneath the surface. I enjoy exploring how different components interact and how applications behave in real-world environments. With hands-on experience in programming, logical problem-solving, and practical testing, I approach each project with curiosity, precision, and a continuous drive to improve. I take pride in building software that feels intuitive to use, performs reliably, and is thoughtfully designed to stand the test of time.

Education

Amrita Vishwa Vidyapeetham *Aug 2023 – Late 2027*

B.Tech in Computer Science and Engineering

- CGPA: 7.56/10
- **Coursework:** Computer Networks, Database Management Systems, Data Structure and Algorithms, Operating Systems

Experience

Volunteering

National Service Scheme

Actively contributed to community development and social initiatives through the NSS, organizing and participating in awareness drives, environmental campaigns, and service activities. Gained valuable experience working with diverse groups, learning the importance of empathy, cooperation, and giving back to society.

Organizing Committee Member

IGNITE '24

- Selected as a core team member for IGNITE'24, a premier leadership and innovation summit at Amrita Vishwa Vidyapeetham
- Contributed to event planning, speaker coordination, hospitality management, and overall logistics to ensure a seamless experience for attendees and guests

Projects

Dreamer Macrocosm

- Currently working on a data-driven NLP and graph-based storytelling project that transforms unstructured dream narratives into structured semantic graphs to uncover recurring symbols, entities, and thematic relationships, enabling automated narrative synthesis and personal mythology generation through entity extraction, motif analysis, and relational mapping.
- Tools Used: Python (FastAPI, spaCy, Neo4j, NetworkX), Natural Language Processing, Graph Databases, REST APIs, React.js, PyTorch

Edge-Based Smart Braking System

- A plug-and-play Edge-Cloud architecture developed for retrofitting electric vehicles with autonomous features, focusing on intelligent braking and maneuvering control.
- Tools used: Python, C++, ESP32, ThingSpeak, ArduinoIDE

Technologies

Languages: HTML, CSS, C, C++, Python, SQL, JavaScript, Typescript

Technologies: AWS, GCP, Microsoft SQL Server, React, Node.js, MongoDB, Web3,js, Next,js, PostgreSQL