

Avanish Shenoy

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EDUCATION

PES University

B.Tech in Computer Science CGPA - 9.44

Bangalore, India

Dec 2021 – Present

- 4x Professor MRD Scholarship Awardee for being in the top 20% of the batch

Karkala Jnanasudha PU College Ganit Nagar

State Board (PCMC) - 100%

Udupi, India

June 2019 – October 2021

- KCET Rank 457
- JEE Main 98.13 percentile

Karkala Jnanasudha PU English Medium School Ganit Nagar

State Board - 98%

Udupi, India

June 2017 – May 2019

- APGET Scholarship Awardee for securing 98% and above in SSLC

TECHNICAL SKILLS

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

Frameworks/Tools: Git, Docker, AWS, React, Express, Django, Firebase, Vercel, Supabase, Unity, Unreal, Blender, THREE.js, Tailwind, Kafka, Spark, MySQL

Other Skills: Team Work, Mentoring

EXPERIENCE

Intern

IoT Center, PES University, Bangalore, India

Smart Parking System

January 2023 – March 2023

- Collaborated with a team to develop a cost-effective smart parking system prototype for the college, contributing to an estimated 20% reduction in cost compared to the existing solution.
- Took a pivotal role in the project, focusing on developing a real-time monitoring dashboard using React and Firebase to track sensor data and enhance user experience.

Intern

PESU IO, Bangalore, India

Web Development

October 2022 – January 2023

- Conceptualized and crafted a comprehensive User Dashboard using Express, Nuxt.js, and PostgreSQL, featuring an event calendar, certification tracking, and user profiles.
- Streamlined the dashboard's interface to ensure intuitive navigation, resulting in an enhanced overall user experience.

PROJECTS

MARD – Multi-Functional AI Robot with Raspberry Pi 5 and OpenAI

- Developed MARD with speech recognition for natural voice commands and a user-friendly web-based remote control interface accessible via a dedicated webpage.
- Prioritized extensible, enabling users to seamlessly integrate custom plugins to amplify the robot's functionality.

TrackIT - Stock Price Predictor Website

- Engineered an intuitive website powered by a Recursive Neural Network (RNN) to accurately predict stock prices across various timeframes, including 5 days, 1 month, and 1 year, achieving an accuracy of 40%.

Kannon-1000: Load Testing Tool

- Created Kannon-1000, utilizing Avalanche and Tsunami testing techniques, ensuring real-time updates and scalability up to 6 driver nodes.
- Utilized Kafka for efficient data communication, enhancing synchronization and performance metrics.

Nexus Core Member of Web Development

- Contributed to organizing an engaging online treasure hunt, which attracted the participation of over 300 individuals.
- Facilitated educational workshops covering various topics, including Web Design and Git version control, fostering skill development and knowledge sharing among club members.

GDSC ARVR Lead (PES Chapter)

- Actively contributed to the Hacktoberfest repository, completing 4 pull requests. These contributions led to a tree being planted as part of Hacktoberfest's acknowledgment of the first 50,000 contributors.

Competitive Programming

- Achieved a Code Chef 2-star rating, showcasing dedication to continuous improvement.