Avanish Shenoy

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EDUCATION

PES University — Bangalore, India
B.Tech in Computer Science CGPA - 9.44 — *Dec 2021 – 2025*
- 4x Professor MRD Scholarship Awardee for being in the top 20% of the batch

Karkala Jnanasudha PU College Ganit Nagar — Udupi, India
State Board (PCMC) - 100% — *June 2019 – October 2021*
- KCET Rank 457
- JEE Main 98.13 percentile

Karkala Jnanasudha PU English Medium School Ganit Nagar — Udupi, India
State Board - 98% — *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, Versel, Supabase, Unity, Unreal, Blender, THREE.js, Tailwind
Other Skills: Team Work, Mentoring

EXPERIENCE

Intern — PESU IO, Bangalore, India
Web Development — *October 2022 – January 2023*
- Implemented User Dashboard using Nuxt.

Intern — IoT Center, PES University, Bangalore, India
Smart Parking System — *January 2023 – March 2023*
- Constructed a prototype for a smart parking system within the college premises
- Developed ESP8266 based sensor module to detect free parking spots.
- Estimating the project to be 40% cheaper than existing solutions.

PROJECTS

MARD – Multi-Functional AI Robot with Raspberry Pi 5 and OpenAI
- Enhanced with speech recognition capabilities, MARD responds to voice commands, creating natural and interactive interactions.
- Features a user-friendly web-based remote control interface accessible via a dedicated webpage.
- Prioritizing extensibility, the project allows users to seamlessly integrate custom plugins to amplify the robot's functionality.

TrackIT - Stock Price Predictor Website
- Crafted an intuitive website powered by a Recursive Neural Network, capable of predicting stock prices over multiple timeframes, with an accuracy of almost 40%
- Implemented the MERN (MongoDB, Express.js, React, Node.js) stack to develop both the user interface and backend.

LegLeague -Unreal Football Game
- Created an online multiplayer football game, using Unreal Engine.

EXTRA CURRICULAR

Nexus Core Memeber of Web Development

- Orchestrated an engaging online treasure hunt that attracted the participation of over 300 individuals. The event was hosted on an in-house developed website, showcasing effective project management and technical skills.
- Conducted workshops on diverse topics such as Web Design, Git version control, and more. These sessions contributed to members' skill development and knowledge sharing within the club.

Competetive Programming

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