JUNED

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WORK EXPERIENCE

Full Stack Web Development Intern   **Feb 2025 – Mar 2025**
Edunet Foundation (in collaboration with EY GDS & AICTE)
– Developed an online auction platform using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
– Built a responsive frontend and RESTful backend APIs; optimized MongoDB queries for performance.

AI & Robotics Master Trainer   **Aug 2022 – Jul 2023**
Agilo Research (STEMpedia), Bengaluru, India
– Conducted hands-on sessions on **AI/ML**, **robotics**, and coding for teachers and students.
– Guided student innovations for the **CODEAVOUR International AI & Coding Competition**.
– Represented STEMpedia at national events including G20 and Education Summits.

TinkerLab Trainer Intern   **Jan 2022 – Mar 2022**
Samarthanam Trust for the Disabled, Bengaluru, India
– Trained teachers and students in **Micro:bit**, mobile app development, 3D printing, and robotics.
– Conducted practical training sessions across 7 government schools.

System Administrator Intern   **May 2021 – Jun 2021**
Universal Computer Sales & Services, Manipal, Karnataka
– Tested and updated database systems and software.
– Managed and troubleshooted computer networks, OS, and server configurations.

PROJECTS

AI Guru J – Intelligent 3D Virtual Python Tutor
Tech Stack: React, Three.js, FastAPI, Gemini 2.5 Flash, TikTok TTS, Rhubarb Lip Sync, MongoDB Atlas, Render
– Built a 3D AI tutor using React Three Fiber that answers Python queries through speech, NLP, and lip-synced avatar animation.
– Integrated the Gemini 2.5 API for speech recognition and NLP, along with TikTok TTS for voice output, using a FastAPI backend and MongoDB Atlas.

Chatbot Application
Tech Stack: React.js, Nhost, Hasura, n8n
– Developed a secure real-time chatbot with email authentication and GraphQL-based messaging.

Face Emotion Recognition using Deep Learning
Tools: TensorFlow, Keras, OpenCV
– Trained a CNN on the FER-2013 dataset to classify facial emotions with high precision.

Online Auction Platform
Tech Stack: MERN Stack
– Developed a full-stack auction system supporting real-time bidding with React.js and Node.js.

EDUCATION

B.Tech in Computer Science & Engineering   **2023 – 2026**
M. S. Ramaiah University of Applied Sciences, Bengaluru   *CGPA: 8.41*
Diploma in Computer Science & Engineering   **2018 – 2022**
Dr. T. M. A. Pai Polytechnic, Manipal   *63.25%*
Senior Secondary (XII), PCMC   **2016 – 2018**
Holy Redeemer Composite PU College, Hosanagar   *66.16%*
Secondary (X)   **2013 – 2016**
Govt. Composite High School, Manipura   *76.16%*

SKILLS

– **Languages:** Python, Java, C, HTML, CSS
– **Frameworks:** React.js, Node.js, Express.js, Bootstrap, OpenCV, Matplotlib, Numpy, Panadas
– **Databases:** MongoDB, MySQL
– **Tools:** GitHub, Jupyter, Arduino, ESP32, CAD, Scratch, n8n, Nhost, Hasura, Netlify
– **Concepts:** REST APIs, OOP, DSA, AI/ML, CNN, Computer Graphics, Software Development
– **Soft Skills:** Problem Solving, Communication, Time Management, Agile Development

CERTIFICATIONS

- Coursera: Generative AI for Software Developers (Ongoing) – Rav Ahuja
- Coursera: NoSQL, Big Data & Spark Foundations (Ongoing) – IBM Skills Network
- Aptitude Training – PrepInsta
- Building Modern Web Applications with MERN Stack – EY GDS & AICTE
- Microsoft AI Classroom Series – Microsoft
- Artificial Intelligence with Python – STEMpedia
- Robotics & AI with Quarky & Python – STEMpedia
- Soft Skills Training – Skill India

ACHIEVEMENTS

- Trained 100+ CBSC schools Teachers in modern STEM fields (AI & Robotics)
- Built multiple AI-powered applications
- Created 3D & voice-enabled learning systems

INTERESTS & HOBBIES

Full Stack Development — Artificial Intelligence & Robotics — Machine Learning — MLOps — Data Mining — Software Engineering — Prompt Engineering — Teaching — UI/UX Design — Computer Graphics — Computer Vision — Video Creation — Photography — Drawing — Content Creation (YouTube) — Gaming — Music — Netflix