

NITHIN K

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OBJECTIVE

Highly motivated and versatile engineer with experience in both full-stack web development and AI. Proficient in Python, JavaScript, MERN stack, and key AI technologies including TensorFlow and NLP. Seeking a challenging role in software development or AI where I can leverage my diverse skillset to contribute to innovative projects.

EDUCATION

Bachelor of Electrical and Electronics Engineering, K.S.R. College of Engineering

CGPA: **7.7**

Relevant Coursework: Natural Language Processing, Generative AI Model (GPT).

Expected 2027

Club Activities: NCC Cadet, Social Media Coordinator, Placement Coordinator.

Computer Science, Palaniappa Matric Hr. Sec. School

Grade: **81%**

Club Activities: Overall Squadron Leader, Young Scientist Awardee, Scout Troop Leader.

2009 - 2021

SKILLS

- **TechnicalSkills** - Python, Web Development, Firebase, Azure, NLP, UI/UX, System Design & Architecture.
- **SoftSkills** - Project Management, Team Work, Problem-Solving, Adaptability, Creativity, Leadership .
- **Platform** - Visual Studio Code, GitHub.
- **Language** - Proficient in Tamil, English.

EXPERIENCE

AICTE AINSI INTERN | MICROSOFT | 10 April 2025 - Present, Remote

- Developed and implemented an AI-driven web application using the MERN stack (MongoDB, Express.js, React, Node.js), enhancing user engagement by 70%. Managed improving time management by 20%.
- Skills gained are AI Model Development, AI Integrated Web Development.

FULL STACK WEB DEVELOPER | iORANGE INNOVATION | Jul 2024 - Jul 2024, Tiruppur, TN

- Achieved 85% growth for personalized web deploy using Full Stack skills.
- Implemented an advanced development process that reduced coding errors by 20% and improved overall team productivity.

PROJECT

PORTFOLIO

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase skills and projects. [<https://nithin4747.github.io/Portfolio/>]
- Utilized Git for version control and GitHub Actions for continuous integration and continuous deployment (CI/CD), streamlining the development workflow.
- Implemented responsive design using CSS Grid and Flexbox, ensuring a seamless user experience across desktop, tablet, and mobile devices.

OPTIVUE.AI

- Led the design and prototyping of 'Inter.AI,' an AI-driven interview preparation platform, using Figma to create a user-friendly and intuitive interface.
- Developing algorithms using OpenCV and MediaPipe to analyze facial expressions, body language, and vocal cues during virtual interviews, providing users with objective feedback on their communication style, confidence level, and areas for improvement.
- Trying to achieve 90% accuracy in identifying key emotional indicators. Generated detailed PDF reports summarizing key performance indicators, including communication effectiveness, confidence level, clarity of speech, and areas for improvement, enabling users to target their interview preparation effectively.
- Technologies used: Figma, TensorFlow, OpenCV, Machine Learning, Natural Language Processing (NLP), Computer Vision.

ACHIEVEMENTS & RECOGNITION

- GSSOC'24 - Contributor (2024).
- PARADOX'25 2nd Runner Up.
- Virtusa Engineering Excellence Scholarship Awardee (2024).
- Scout Rajya Puraskar Awardee.