

NISHANTH H S

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Professional Summary

Recent Computer Science Engineering graduate (2025) with hands-on experience in full stack development through academic projects and internship. Skilled in Python, Django, React.js, and AWS with a strong foundation in Data Structures and Database Management. Eager to apply skills in building scalable web applications and RESTful APIs while learning and contributing to a dynamic team.

Education

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| Vidya Vikas Institute of Engineering and Technology, Mysore Bachelor of Engineering in CSE (CGPA: 8.60 / 10.00) | Feb 2022 - May 2025 Mysore, Karnataka |
| Vidyavardhaka Polytechnic, Mysore Computer Science (Diploma) (Marks: 76.02%) | June 2019 - Oct 2022 Mysore, Karnataka |
| JSS English Medium School, Sutturu SSLC, (Marks: 73.28%) | June 2016 – Apr 2019 |

Skills

Languages: Python, Java, JavaScript, C, HTML, CSS

Frameworks & Libraries: Django, Flask, React.js, Express.js, Node.js

Databases: MySQL, PostgreSQL, MongoDB

Cloud & Tools: AWS (EC2, S3, RDS), Docker, Git, GitHub

Core Competencies: REST API Development, Authentication & Authorization, Database Optimization.

Experience

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|-------------------|----------------------|
| Open Course | Remote |
| SDE Intern | June 2025 – Aug 2025 |

- Built and optimized Django-based backend for an EdTech platform, improving API response time by 40%.
- Integrated Zoho CRM workflows, automating lead management and data synchronization.
- Designed and deployed REST APIs, enhancing system scalability for 10K+ active users.
- Collaborated with frontend developers to deliver seamless React–Django integration.

Projects

Bone Age Prediction using X-ray (Final Year Project) — React.js, Flask, Python, TensorFlow

- Built a responsive React.js frontend with drag-and-drop image upload and image validation.
- Integrated Flask backend with a CNN deep learning model for real-time bone age prediction from wrist X-rays.
- Optimized preprocessing and model parameters to achieve high prediction accuracy.

Skill Sync AI – AI-Powered Recruitment Assistant — Flask, Python, Hugging Face, HTML/CSS, JavaScript

- Developed an AI-powered system to match resumes with job descriptions using NLP.
- Integrated Skill Bot chatbot via Hugging Face API for interview tips and resume guidance.
- Implemented resume parsing with PyMuPDF and an interview scheduling feature; designed a modern dark-mode UI with real-time interaction.

Certifications

IBM – AI and Machine Learning Model Deployment with Watson Machine Learning