

# Vishnu Sakthi Selvakumar



Vishnusakthi.me



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Vishnu S



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## EXPERIENCE

### SYSTIMANX IT SOLUTIONS PRIVATE LIMITED | AI DEVELOPER INTERN

Nov 2024 – 2025 | Madurai, Remote

- Integrated prebuilt AI chatbot modules into client websites, improving user interaction and automating support workflows.
- Developed and deployed basic machine learning models for internal tasks and demonstrations, gaining hands-on experience in model training and testing.
- Collaborated remotely with the development team to troubleshoot integration issues and refine chatbot response logic.

### INTERNEPE | PYTHON DEVELOPER INTERN

July 2024 – August 2024 | Remote

- Completed a series of micro-tasks using Python, focused on automation, file handling, and basic scripting challenges.
- Strengthened foundational skills in Python programming by implementing logic-based solutions.
- Gained experience working in a task-based internship environment with minimal supervision.

## PROJECTS

### WEBSITE DEPLOYMENT IN AWS | TERRAFORM, AWS EC2, CIRCLECI

2024

- Automated infrastructure provisioning using Terraform for EC2-based static site deployment.
- Configured AWS S3 for hosting static files with public access and versioning.
- Implemented CI/CD using CircleCI; enabled zero-downtime deployments with immutable infrastructure.

### STOCK PRICE PREDICTION USING PYSARK | PYSPARK, MLlib, TIME-SERIES

FORECASTING

2025

- Built a scalable ML pipeline using PySpark for financial time-series forecasting.
- Processed large-scale stock datasets to identify trends and generate predictions.

### MULTI-SEARCH ENGINE SUMMARIZER | PYTHON, LLaMA3, OLLAMA, SEARCH APIS

2025

- Developed a Python app integrating Google and DuckDuckGo search APIs for broad web coverage.
- Used Ollama with LLaMA3 for offline summarization, maintaining full data privacy.
- Improved efficiency with asynchronous search and intelligent 24-hour caching.

### ANSIBLE WEB DEPLOYMENT WORKFLOW | ANSIBLE, NGINX, YAML

2025

- Created an automated deployment workflow using Ansible for hosting static websites with NGINX.
- Wrote modular Ansible playbooks to install NGINX, configure web root, and serve static files.
- Enabled repeatable, one-command deployments for lightweight web applications.

## EDUCATION

### KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE

B.TECH IN ARTIFICIAL INTELLIGENCE

AND MACHINE LEARNING

2022 -- 2026

CGPA: 7.37 / 10.0

### KONGU VELLALAR MATRIC HIGHER SECONDARY SCHOOL, ERODE

HIGHER SECONDARY CERTIFICATE

(HSC)

Percentage: 79%

### NANDHA MATRIC HIGHER SECONDARY SCHOOL, ERODE

SECONDARY SCHOOL LEAVING

CERTIFICATE (SSLC)

Percentage: 69%

## SKILLS

**Advanced:** Terraform • CI/CD

• HTML • CSS • Git

**Intermediate:** Kubernetes •

Linux Systems • AWS

• JavaScript • SQL

**Familiar:** C • Java • Python

• Lua

## CERTIFICATIONS

• GitHub Foundation

• Oracle Cloud Infrastructure – Foundational Associate

• MongoDB Associate Developer

• Docker Mastery: Kubernetes and Swarm