# NANDHANA V S

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## OBJECTIVE

Full Stack Developer with hands-on experience in building responsive web applications, REST APIs, and scalable backend systems using Python, JavaScript, Django, Flask, and React. Passionate about clean code, problem-solving, and contributing to impactful software products. Strong ability to collaborate with teams and deliver projects on time.

## EDUCATION

**B.Tech in Computer Science and Engineering (pursuing)**, Universal Engineering College, Thrissur 2022–2026 — CGPA: 6.69

**Higher Secondary Education**, SN Trust HSS, Nattika 2019–2021 — 90%

**SSLC**, St. Antony's HSS, Pazhuvil 2019 — 100%

## PROJECTS

**Clone Website Detection System (Machine Learning)** Built a phishing detection system using XGBoost trained on URL, HTML structure, and domain features. Engineered feature extraction pipeline; implemented real-time detection of anomalies. Skills: Python, XGBoost, Pandas, Web Scraping.

**Student Attendance Management System (Full Stack Web App)** Developed a Django-based attendance system with login authentication and role-based access. Designed responsive UI using Bootstrap JavaScript; integrated MySQL backend with error handling. Skills: Django, MySQL, JavaScript, Bootstrap.

**Automatic Cerebral Infarcts Detection (Deep Learning – Ongoing)** Building a hybrid CNN+ViT model for cerebral infarct detection from fMRI datasets. Implemented preprocessing, segmentation, and augmentation pipelines. Skills: Python, PyTorch, OpenCV, NumPy.

## INTERNSHIP EXPERIENCE

**Full-Stack Developer Intern**, GP3 Cloud Innovations Pvt. Ltd. Jun 2025 Redesigned UI components using React/Tailwind; integrated backend APIs with Django/Flask; optimized MySQL/MongoDB queries; improved API response time by 20%. Skills: React, Django, Tailwind, Git, MySQL.

**Data Science & AI Intern**, Keltron Knowledge Centre, Kaloor Jul 2024 Processed datasets, performed cleaning using Pandas/NumPy; built ML models and visualizations using Matplotlib; automated workflows with Python scripts. Skills: Python, Pandas, NumPy, Matplotlib.

**AI Intern**, Pacelab Redefining Technology, Kochi May 2023 Assisted in developing deep learning models; prepared datasets; implemented AI prototypes; collaborated with research teams. Skills: Python, TensorFlow, Keras, OpenCV.

## TECHNICAL SKILLS

**Frontend:** HTML, CSS, JavaScript, React, Bootstrap, Tailwind
**Backend:** Python, Django, Flask, Node.js, Express.js
**Databases:** MySQL, MongoDB, SQLite
**Tools:** Git, GitHub, VS Code, Postman
**Other Skills:** Problem Solving, Team Collaboration, Communication

## ACHIEVEMENTS

- Developed multiple AI-driven and full-stack applications, including browser extensions and web tools.
- Completed internships in AI, Data Science, and Full-Stack development with successful project deliveries.
- Improved system performance and code efficiency in multiple projects.
- Actively contributed to open-source projects and personal coding initiatives.

## CERTIFICATIONS

Full Stack Development with Django — Industry Certified Program

## REFERENCES

Nigila Ashok — Head of Department, Universal Engineering College
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