

KEERTHANA D S

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EDUCATION

Cochin University of Science and Technology

Bachelor of Technology in Computer Science (CGPA-9.97)

2023 - 2027

Kochi, India

EXPERIENCE

Software Engineer Intern | Cognifyr.co

May 2025 – June 2025

Full-Stack Development and AI Automation Startup

Remote

- Refactored the admin dashboard for ONES (EdTech), improving UI performance and responsiveness for a platform serving **5,000+** active app users using Vue.js and Tailwind CSS.
- Built the student-facing portal in Next.js, converting Figma designs into production-ready code featuring live class integration, secure payment gateways, and adaptive testing modules.

PROJECTS

AdSage AI | HTML, CSS, JavaScript, Python (Flask), Google Gemini, Imagen 3 | Dec 2025

GitHub

- Built an AI-powered dashboard with multi-agent personas to predict and optimize social media campaign performance.
- Ranked Top 5 at Huddle Global Hackathon, competing with startup founders and senior developers.

CredGuard AI | Next.js, TypeScript, Tailwind CSS, FastAPI, Chart.js, Google Gemini | Jan 2026

GitHub

- Developed an AI-driven financial literacy platform to analyze credit profiles, detect unfair loan terms, and prevent poor financial decisions.
- Implemented interactive dashboards and accessibility features with LLM-based fairness validation using Google Gemini.

Finance Settlement Automation for Kochi Metro Rail Limited | Python, PyQt, Pandas | July 2025

- Built a PyQt-based desktop application to automate financial settlement by processing AFC logs and daily reports.
- Streamlined data ingestion, ambiguity resolution, and pattern analysis to replace a fully manual process.

Evolution Odyssey | Lua, LOVE2D, Tiled | July 2024

GitLab

- A 2D platformer game where players collect coins, avoid obstacles, and progress through levels.
- Designed the game UI, implemented the score system, and integrated assets, navigation, and music controls.

SKILLS

Languages: Python, TypeScript, JavaScript, Java, C++, C, Lua, SQL

Frameworks/Libraries: Next.js, React, FastAPI, Node.js, PyQt, Tailwind CSS, Flask

AI & Data: Gemini SDK, Pandas, MySQL, MongoDB, PostgreSQL

Developer Tools: Git, GitHub, VS Code, GCP, Google Colab, Tiled, Figma, Adobe Photoshop

Soft Skills: Leadership, Effective Communication, Team Collaboration, Problem Solving

ACHIEVEMENTS

Google WE Scholar'24 (Offered by TalentSprint, supported by Google)

Feb 2024

- Selected as one of the **top 1%** from **30,000** applicants through a rigorous four-tier selection process.
- Received a **100% scholarship, Rs. 1,00,000** cash award, and two-year mentorship.

LEADERSHIP AND INVOLVEMENT

TinkerHub, SOE

Sep 2024 – Present

Lead

CUSAT

- Led initiatives at the TinkerHub campus chapter, a nonprofit dedicated to fostering a maker mindset among students.
- Led workshops and hackathons impacting 800+ students, including a girls-only hackathon with 130+ participants to empower women in tech and foster collaboration, networking, and skill-building.

Team Horizon

Oct 2023 – August 2025

Team Member

CUSAT

- Competed in the European Rover Challenge; team ranked **11th globally** and **1st in India** during the '24 qualifications, later placing **18th** in the international finals in Poland.