

# 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.