

Aswin Pradeep C

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Experience

- Geojit Financial Services Ltd** Dec 2024 - Present
Machine Learning Intern – LLMs, Azure Cognitive Services Kochi, Kerala
- Developing an LLM-based search system with RAG architecture for enhanced financial data retrieval (Ongoing).
 - Automating and optimizing manual processes with machine learning to enhance efficiency (Ongoing).
- Lascade LLC** Jul 2024 – Aug 2024
Backend Developer Intern – Node.js, Express.js, MongoDB, Redis Kochi, Kerala
- Implemented **RESTful APIs** for the travel module, incorporating input validation and error handling.
 - Optimized API performance by implementing **Redis** caching, achieving significant reduction in response times for high-traffic endpoints.
- Agua India** June 2024
Machine Learning Engineer Intern – OpenCV, YOLO, Mapbox Kochi, Kerala
- Proposed and developed proof-of-concept implementations for AI-powered workflow optimizations.
 - Built a prototype using **OpenCV** for automated coupon code extraction, implementing ROI detection to filter out irrelevant text and streamline water delivery operations.

Projects

- EduRider** | Django, PostgreSQL, Docker, AWS, Nginx | GitHub | Live: edurider.radr.in
- Designed and developed backend for a route management system, for drivers and students with role-based APIs.
 - Dockerized the application with PostgreSQL and **Nginx** for seamless deployment, deployed on **AWS**, and integrated with the ongoing development of a Flutter-based frontend.
- LinkRadr** | Django, PostgreSQL, Docker, GitHub Actions, AWS EC2, Nginx | GitHub | Live: link.radr.in
- Developed a scalable **URL shortener** with features like **custom short links** and **OTP-based sign-in**.
 - Implemented **Dockerized deployment** with PostgreSQL and **Nginx** on **AWS EC2**, automated using **GitHub Actions**.
- SOE Project Hub** | Django, JavaScript, SQLite | GitHub
- Developed an academic project management system with **role-based access control**, enabling project submissions and evaluations with **plagiarism checking** functionality.
 - Implemented team management, dashboards, document uploads, support ticket system, and query management.

More projects on GitHub

Technical Skills

Programming Languages: Python, JavaScript, SQL
Back-end Tech: Django, Node.js/Express.js, FastAPI
Databases: MongoDB, Redis, MySQL
Cloud Services/Platforms: Azure Cognitive Services, AWS EC2, Docker, Linux
Development Tools: Git, GitHub, Postman

Achievements

- Led the organization of South India's largest hackathon, Make-A-Ton, with over 200 participants and a 30-member organizing team, securing sponsorships from global tech companies including **GitHub**, **Logitech**, **MLH**, Orkes, and GeeksForGeeks.
- Won **First Prize** in the **Project Expo** competition at Summer Startup Festival 2023, GEC Thrissur.

Education

Cochin University of Science and Technology 2021 – 2025
B.Tech in Computer Science and Engineering (CSE) **CGPA: 8.08**