

Aswin Pradeep C

☎ +91-9947707001 ✉ aswinpradeepc@gmail.com 🌐 Github 🔗 LinkedIn 🌐 aswin.radr.in

Experience

Lascade LLC

Jul 2024 – Aug 2024

Backend Developer Intern – Node.js, Express.js, MongoDB, Redis

Kochi, Kerala

- Designed and implemented **RESTful APIs** for the travel module, incorporating input validation and error handling for improved reliability.
- 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, demonstrating potential efficiency improvements.
- Built a prototype using **OpenCV** for automated coupon code extraction, implementing ROI detection to filter out irrelevant text and streamline water delivery operations.

Projects

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 using Django and **PyPDF2** for PDF processing.

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**.

Bibliobazaar | Django, JavaScript, Razorpay | GitHub

- Built an e-commerce platform for books with user authentication, catalog management, and shopping cart.
- Integrated **Razorpay payment gateway** for secure transactions and implemented used book trading feature.

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
B.Tech in Computer Science and Engineering (CSE)

2021 – 2025
CGPA: 8.08