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Internship

Cipher Schools - DSA Trainee

Jun 2024- Aug 2024

- Completed an intensive Data Structures & Algorithms (DSA) program using C++, covering arrays, linked lists, stacks, queues, trees, graphs, and search/sort algorithms.
- Practiced implementation using C++ STL and competitive programming patterns.
- Participated in structured coding challenges that improved algorithmic thinking and time-complexity analysis.

Outlier AI Training Intern

Oct 2024- Dec 2024

- Re-engineered and optimized AI/ML model training pipelines for Outlier's anomaly detection platform.
- Worked with Python, Pandas, SQL, and internal APIs to train and validate ML models.
- Enhanced data quality and labeling consistency by identifying anomalies in training datasets, improving model accuracy across key benchmarks.

Projects

BKash Payment- Flutter, Provider - [GitHub](#)

Sep 2025- Oct 2025

- Optimized in-app payment efficiency by 20% by building a lightweight Flutter–Dart integration for bKash.
- Implemented wallet validation, OTP authentication, and encrypted PIN submission using bKash's hosted flow, increasing reliability during peak load by 15%.
- Designed a clear step-by-step payment UI that reduced transaction errors by 25%.

Fulfill Flow- JavaScript, Node.js, Docker - [GitHub](#)

Aug 2025- Sep 2025

- Engineered a full-stack logistics system using a microservices-based architecture for real-time order tracking.
- Launched Redis caching and Red Panda event streaming to enable instant updates and reduce endpoint latency by 40%.
- Built and indexed RESTful APIs in Express.js + PostgreSQL, reducing query response time by 30%.

Animato – Video Generation AI (Website + App) - [GitHub](#)

Nov 2024 – Dec 2024

- Developed a full AI-powered content creation platform using React Native and REST APIs, automating video editing workflows and reducing manual editing time by 90%.
- Integrated Google Gemini, Hugging Face, and custom inference APIs, boosting generation accuracy and automation quality by 50%.
- Delivered a modular, scalable application with reusable components, improving development speed for new features by 40%.

Trip Mind- JavaScript, React, Supabase - [GitHub](#)

Oct 2024- Nov 2024

- Built an AI-powered itinerary generator using React, Next.js, and Google Gemini that reduced planning time for users by generating tailored itineraries in seconds.
- Implemented a secure Supabase backend with role-based access and automated itinerary emails via SendGrid.
- Deployed cloud-based Supabase Edge Functions for secure email delivery and automatic user-data cleanup.

Farm Fresh- JavaScript, Tailwind CSS, React - [GitHub](#)

Aug 2024- Sep 2024

- Engineered a React-based marketplace connecting local farmers to urban buyers with a clean, responsive UI.
- Improved page performance by 35% using Vite, lazy loading, and component-level optimizations.
- Incorporated dynamic product listings and order management using reusable components and state management.

Certificates

- ChatGPT Advanced Data Analysis - [Coursera](#)
- Data Structures & Algorithms using Cpp - [Cipher Schools](#)
- Generative AI with Large Language Models - [Coursera](#)
- Build Dynamic User Interfaces for websites- [Coursera](#)
- Foundations of User Experience (UX) Design – [Coursera](#)
- Approximation Algorithms and Linear Programming – [Coursera](#)

Skills

Languages: Python, Java, C++, JavaScript, SQL, NoSQL

Frameworks: React, Node.js, Express.js, Next.js, Flutter

Tools: Git (version control), Docker, Redis, Red Panda, VS Code, IntelliJ, PyCharm, Linux

Databases: PostgreSQL, MongoDB, Supabase Other:

Other: REST APIs, Object-Oriented Programming (OOP)

Education

Lovely Professional University Punjab

2022 – Present

Computer Science and Engineering

Jalandhar, Punjab

Kalladi HSS Kottopadam

2020 – 2022

12th with Computer Science — Percentage: 80.9%

Palakkad, Kerala

St Dominics Convent English Medium School

2018 – 2020

10th with Science — Percentage: 82.4%

Palakkad, Kerala