

Aditya Parihar

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Bachelor of Technology

University of Petroleum and Energy Studies

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

• Bachelor of Technology in Computer Science and Engineering

2021-25

University of Petroleum and Energy Studies

EXPERIENCE

• Xebia

June 2024 - July 2024

As a intern designed solution for a DevOps Project

- Engineered a robust Node.js API to facilitate swift **CRUD** operations, which now supports over 100 simultaneous requests
- Efficiency improvement contributed to a **20% increase** in overall system reliability and performance.
- **Tech Stack:** MySQL, Express.js, Node.js, Python

• Research intern

April 2023 - June 2023

As an Intern developed an Android application for **RaSpect Intelligence Inspection Limited**

- Developed Kotlin-based application harnessing advanced visual recognition technology, enabling real-time object detection.
- Achieved prominent reduction in processing time for image analysis
- **Tech Stack:** Kotlin, TensorFlow lite.

OPEN-SOURCE CONTRIBUTIONS

• Zed Attack Proxy

(Link to Repository)

Added new features

January 2024 - February 2024

- Designed a user-friendly embedding tool for documentation pages that improved accessibility over **150 internal users**, significantly streamlining workflow and enhancing team productivity.
- Implemented a transformative feature that enabled seamless integration of adding hyperlinks to code files within document pages reduced user navigation time by **90%**, enhancing overall user experience and efficiency
- **Tech Stack:** Java, Git, Github Actions

PERSONAL PROJECTS

• Finance SaaS Platform

(Link)

A financial management system for income **tracking and monetization**.

Ongoing

- Developed an interactive financial dashboard with customizable chart types for data visualization.
- Integrated CSV import, bank account connectivity, using Plaid and Lemon Squeezy.
- Implemented robust authentication and state management with Clerk (Core 2) and Tanstack React Query.
- **Tech Stack:** Next.js 14, TailwindCSS, PostgreSQL, Drizzle ORM, Hono.js, Vercel

• E-commerce Application

(Link)

a backend solution built using **microservice architecture**.

April 2024

- Using a scalable microservices architecture leads to **improvement** in system reliability.
- Utilizing cutting-edge Spring Boot and Docker technologies, resulting in a notable **decrease** in deployment time.
- **Tech Stack:** SpringBoot, Docker, Apache Kafka

• Link Beats

(Link)

Desktop Music Player

December 2023

- Engineered a robust desktop music player application in Java, implementing a Linked List structure for data management.
- Enhanced playback speed and **reduced** memory usage by **40%**, improving overall user experience significantly.
- **Tech Stack:** Java, Java Swing, Java Zoom.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, JavaScript, HTML, CSS, SQL

Libraries : Java Collections, Chaquopy, JDBC

Dev Tools: Docker, Git, Github Actions, Maven, CI/CD

Frameworks: SpringBoot, TestNG, Selenium

Databases: MySQL, MongoDB

Areas of Interest: Software Design and Development, Web Development, DevOps.

ACHIEVEMENTS AND CERTIFICATIONS

• **LeetCode Ranking:** Ranked in top 59.57% globally in LeetCode

• **AWS Academy:** Microservices and CI/CD Pipeline Builder