

Koushik Chatterjee

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Internships

Intern Trainee

Since May 2024

Logidyne India – Backend Management Company

- Assisted in implementing automation solutions using AWS services like Lambda and EC2, improving backend efficiency and reducing manual workload.
- Contributed to optimizing cloud-based workflows using Python and AWS tools, ensuring smoother operations and enhanced scalability.
- Helped in configuring security measures, such as IAM rules and encryption protocols, to strengthen data protection in backend management.
- Assisted in monitoring system performance, identifying inefficiencies, and troubleshooting backend issues to maintain seamless cloud operations.

Intern

Sep 2024 - Oct 2024

Placify Technologies

- Created an Azure SQL Database and a Power BI report with multiple graphs using the tables obtained from the azure SQL sample database.
- Built dynamic Power BI reports with multiple visualizations, enabling data-driven insights and improving decision-making for training analytics.

Projects

MERN – Social Media Platform | React, Node.js, MongoDB, Socket.io, AWS/Heroku

Jul 2024 – Aug 2024

- A scalable social media platform with secure authentication, customizable profiles, dynamic content sharing, and interactive features like likes, comments, and real-time messaging. Users can connect via friendships or following, receive notifications, explore trending content, and search for users. An admin dashboard ensures content moderation and community management efficiently Tech: React, Node.js, MongoDB, Socket.io, AWS/Heroku for a responsive social media platform.
- Github Repository Link: github.com/Koushik-12213368/cipherclub

Placify Technologies – CI/CD Pipeline | Azure and PowerBI

Sep 2024 - Oct 2024

- Developed an Azure SQL Database and generated a Power BI report featuring multiple interactive graphs. Utilized tables from the Azure SQL sample database to visualize key insights, enabling data-driven decision-making. The report enhances data analysis, providing clear trends and patterns for improved business intelligence and strategic planning Tech: AWS and PowerBI.

Certificates

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| Full Stack WebDev | LinkedIn — Certificate Link | February 2023 |
| Learning ECMAScript 6+ (ES6+) | LinkedIn — Certificate Link | February 2023 |
| DevOps Foundations (2016) | LinkedIn — Certificate Link | February 2023 |
| NoSQL Essential Training | LinkedIn — Certificate Link | March 2023 |
| Programming in C++: A Hands-on Introduction | Coursera — Certificate Link | February 2024 |
| Mastering Data Structures & Algorithms using C and C++ | Udemy — Certificate Link | March 2024 |
| Full-Stack Development Using MERN Stack | CipherSchools — Certificate Link | August 2023 |

Technical Skills

Languages C++/C, Java

Tools/Frameworks: ReactJs, NodeJS, VScode, Ciscopacket Tracer, Azure, AWS, GCP, Jenkins, MySQL, MongoDB.

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python and JavaScript

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 6.5

Jalandhar, Punjab

Kendriya Vidyalaya AFS Jamnagar

2020 – 2022

12th with Science — Percentage: 69.78%

Jamnagar, Gujarat

Saint Francis High School Jamnagar

2009 – 2020

10th — Percentage: 72%

Jamnagar, Gujarat