REPORT OF SEMINAR

Alumni Speak Series Ep. 7 : API Testing with Postman

Organized by TechPioneers, Computer Science Society, Aryabhatta College

23rd February 2024

Abstract

TechPioneers organized its 7th edition of alumni speak series on the occasion of Science week on 23rd February 2024. The guest speaker was our alumni of the college Mr. Manik Dahiya, a distinguished alumnus of Aryabhatta College, now Senior Software Engineer at VWO, and a flagship product by Wingify.

ALUMNI SPEAKER SESSION

(23 February 2024)

TechPioneers, the Computer Science Society of Aryabhatta College, successfully organized a workshop named Understanding API Testing and Hands-on with Postman in which our guest was one of our notable alumni Mr. Manik Dahiya, Senior Software Engineer at VWO, and a flagship product by Wingify. The whole workshop was based on the importance of API in web development and demonstrated its testing in a software called Postman. A total of 46 participants attended the seminar.

Objective:

The primary objective of the seminar was to familiarize the students with the API which is a key element in a website. API stands for Application programming interface and its main purpose is to maintain the link with the frontend and backend structure of a computer. Hence it was important for the student to know how data is being transmitted from frontend to backend and vice versa and for this a software name Postman was used which is a software used for API testing.

About the Speaker:

Mr. Manik Dahiya, is an alumnus of Aryabhatta College and now he is working as a Senior Software Engineer at VWO, a flagship product by Wingify.

Summary:

The speaker highlighted the pivotal role of APIs in web technology and stressed the importance of understanding them. The key points covered in the discussion were as follows:

1. API Overview: The speaker explained how websites behave differently when interacting with users and when extracting data from the backend, and introduced basic API terms such as POST, GET, DELETE commands, etc.

2. API Demonstration with Postman: Mr. Dahiya demonstrated how APIs work and their configuration using Postman. He discussed the advantages of API testing, basic syntax, and how to use Postman to check API requests.

3. Career Guidance: Mr. Dahiya shared his college experiences and career journey, encouraging students to develop skills and gain exposure during their college life. He emphasized the value of interacting with alumni to learn from their struggles and successes.

4. Q&A Session: Students had the opportunity to ask questions about APIs and their careers, which Mr. Dahiya addressed with full attention, providing valuable insights.

The seminar on API testing and hands-on experience with Postman was engaging and inspiring, prompting listeners to rethink how modern technology operates. Overall, the event was fruitful and will motivate students to pursue new learning opportunities, with Mr. Dahiya's guidance benefiting them in the future.

Glimpses from the Workshop

API Testing using Postman