



Aman Mathur

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EDUCATION

Indian Institute of Information Technology, Kota

Bachelor of Technology in Electronics and Communications

Dec. 2020 – July 2024

CGPA : 8.2

St.Edmunds School, Jaipur

CBSE Class XII

Feb 2020

Percentage : 93%

Jaipuria Vidyalaya, Jaipur

CBSE Class X

Feb 2018

Percentage : 93.8%

EXPERIENCE

Software Development Engineer - 1

Flipkart

July 2024 – Present

Bangalore

- Contributed in the **Promise** team of Flipkart which is a low latency , high throughput system handling **20 billion** + requests daily.
- Designed and Implemented **Auditing** flows for various core **APIs** used in Flipkart **Minutes** serving latencies < **15 ms**.
- Developed and managed **dashboards** for **5** different clusters , publishing key performance metrics on **Grafana** to enable effective monitoring and performance analysis of team operations.
- Upgraded the **authentication** modules from version **v2** to **v3**, enhancing overall security and enabling message reads qps > **1000 reads/sec**.

Software Development Engineering Intern

Flipkart

Jan 2024 – Jun 2024

Bangalore

- Migrated **Demand Shaping** service of Promise Engine team at Flipkart to **Kubernetes**.
- Improved the **Dash** Service by developing functions and commands for **refreshing** the configuration on the **VM**.
- Streamlined the **Litmus** service workflow by integrating a new internal tool called **Viesti** producing messages upto **350 writes/sec** .

PROJECTS

Shopkart Ecommerce Store | *ReactJS, NodeJS, ExpressJS, MongoDB*

 **Link**

- Developed an **Ecommerce** platform enabling personalized online shopping with **3** different **product filters** for better user experience.
- Engineered an **Admin** Portal that effectively manages the **host** website through role-based **authorization**.
- Integrated **Braintree** payment gateway to simulate realtime **payment** system.
- Constructed a **robust** platform by creating **20+** **APIs**, ensuring efficient data management and retrieval.
- Utilized React **Context API** to efficiently manage and share **3 global state** across multiple components.

TECHNICAL SKILLS

Languages: C/C++, Javascript, Java, SQL

Frameworks and Databases: Springboot, Dropwizard, ReactJS, NodeJS, ExpressJS, MongoDB, MySql, Redis


Developer Tools: IntelliJ, Postman, Grafana, Virtual Machines, CI/CD, Git, Github, Visual Studio Code

POSITION OF RESPONSIBILITY

Core Team member : CodeChef IIIT Kota Chapter

Team Member : IIIT Kota Web Team, Incognito Club IIIT Kota

ACHIEVEMENTS

- Winner of CodeRush 2023** in **Non CS** category (**10th Rank**) hosted by AlgoUniversity 
- Solved **1000+** problems on **Leetcode** , **GeeksForGeeks** and **Code Studio**.
- Secured **Global rank 129** in **Codechef Starters 74**
- Secured **Global rank 1000** in **Codechef Starters 71**
- Secured **Global rank 1295** in **Codechef Starters 24**