

MUKUL TANEJA

Software Development Engineer | Sport Programmer

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Haryana, India

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WORK EXPERIENCE

Birdeye Inc

Backend Software Developer

August 2022 - Present

Gurugram, Haryana

- Reduced 60% production errors by building an error alert mechanism using **ElasticSearch**.
- Improved throughput by 10%, successfully migrated **Redis** from single-threaded **Jedis** to **Lettuce** cluster in **Spring Boot - Java** application.
- Migrated 80% database to **Snowflake** with 100% accuracy and 3X speed using **Kafka** and **NiFi**.
- Configured **Amazon S3** bucket for the QA environment using **AWS** console and implemented using **Java**.
- Implemented API for billing flow of businesses on **Salesforce** using **Node.js** and **Express.js**.
- Crafted a variety of Dashboards and data sources through **SQL** and **Tableau**, contributing to reporting objectives in collaboration with the Data Analysts.

Amazon Development Center India

Software Engineer Intern

February 2022 - June 2022

Hyderabad, Telangana

- Engineered a user-friendly web application, used by Amazonians for ordering products, automating time-consuming data entry tasks, and enhancing user efficiency.
- Created the front page of the application and multiple other components using **TypeScript** and **React.js**.
- Developed a microservice utilizing **Java**, **AWS Lambda Function**, **DynamoDB**, **API Gateway**, and **GraphQL**, enabling automated retrieval of purchase requisitions and bills every 6 hours, streamlining crucial processes.

PepCoding Education Private Limited

DSA Mentor | Teaching Assistant | Web Developer Intern

January 2019 - September 2021

Remote

- Mentored 800+ students in Data Structures and Algorithms for **C++** and **Java** courses, providing invaluable guidance and fostering a supportive learning environment.

EDUCATION

Maharaja Agrasen Institute of Technology || GGSIPU

B.Tech (Computer Science And Engineering)

Overall CGPA : **8.042 CGPA**

Delhi

2018-2022

White Leaf Public School || C.B.S.E.

CLASS XII : **80%**

Delhi

2016-2018

PROJECTS

[The Recursion Visualizer](#)

Facilitates visualization of **recursion** through interactive **recursive tree** and **recursive stack** representation and assesses the feasibility of memoization in recursive algorithms while offering key animation features.

Tools used: **HTML** **CSS** **Node.js** **jQuery** **D3.js**

[Excel Clone](#)

Customized Excel-Clone with all basic functionalities.

Tools used: **HTML** **CSS** **JavaScript** **jQuery**

[Camera App](#)

Records video, Capture the picture with some filters and stores media in the IndexedDB API that can be downloaded and deleted from the gallery..

Tools used: **HTML** **CSS** **JavaScript** **Node.js** **jQuery**

ACHIEVEMENTS

- **LeetCode:** Top 4% coders worldwide, currently maintaining a streak of 1050+ days of consistently solving DSA questions.
- **Top 1% in coding contests**
- **HackerRank:** 6 STAR
- **Samsung:** Awarded by Samsung for being in the top 10% in coding contests twice.
- **Hackathon:** Top 3 projects in PepHack Hackathons organized by PepCoding.

SKILLS

Technical Skills

- **Languages:** C, C++, Java, JavaScript, TypeScript
- **Software Development Technologies:** HTML, CSS, Bootstrap, React.js, REST API, Web Scraping, Automation, JUnit, Mockito
- **Other tools:** Data Structures and Algorithms, Object-Oriented Programming (OOP), SQL, DBMS, Redis, Git, Bash, Cronjobs, Jenkins, Docker, Linux, Maven, Apache Tomcat, NiFi, Snowflake, Sigma, Tableau

Soft Skills

- **Consistent, Problem-solving,** Debugging, Verbal and Written Communication, Initiative-driven, Teamwork.