PRIYANK GUPTA

Portfolio

Senior Year Undergrad

Major: Electronics Engineering

 Priyank | in Priyank

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EDUCATION

Year	Degree/Certificate	Institute	Performance/GPA
2020 - Present	B.Tech	Harcourt Butler Technical University, Kanpur	**7.53**/10
2019	Class XII (CBSE - BPS)	Bhagat Public Intermediate School, Kota	89.0%
2017	Class X (CBSE - SMS)	St. Mary's School, Gursarai, Jhansi	10/10

TECHNICAL SKILLS & RELEVANT COURSES

Programming Languages	C | C++ | HTML | CSS | JavaScript
Databases	PostgreSQL | MongoDB
Computer Science Courses	Data Structures & Algorithms | Operating System | DBMS | Computer Networks
Frameworks	SpringBoot | NodeJS | ReactJS

PROJECTS

- ⚙ QuickBites | ⚙ QB   (*Aug'23 - Jan'24*)
  - Engineered this Project using **ReactJS, Bootstrap, NodeJs, ExpressJs, MongoDb.**
  - Integrated a personalized order history feature, resulting in a **20%** uptick in **user retention and engagement**.
  - Showcased expertise in **ReactJS concepts**, with a 40% reduction in development time through the effective use of **Hooks (useState, useEffect, useContext)**. Implemented **JWT** for session storage, **enhancing security** by **35%**, and utilized **BcryptJS** for password protection, achieving a **20%** reduction in potential vulnerabilities.

- ⚙ Sorting-Visualizer | ⚙ SV   (*June'23 - July'23*)
  - Created a robust **C++ visualizer tool** demonstrating 5 sorting algorithms like **Bubble Sort, Merge Sort, Selection Sort, Heap Sort, and Quick Sort.**
  - Integrated **graphics libraries** for **real-time visualization**, facilitating a **30%** improvement in **algorithmic understanding** within a community of developers, promoting **interactive learning** and **hands-on experience**.

- ⚙ REST API Application | ⚙ REST API   (*March'23 - April'23*)
  - Designed a robust **REST API** with **Spring Boot** for **logistics optimization**, resulting in a **30% increase** in vehicle bookings. Demonstrated proficiency in **Java framework**, streamlining operations for **logistics efficiency**.
  - Implemented comprehensive **logistics data endpoints** leveraging **Spring Data JPA**, showcasing **system scalability** and enabling **efficient data management**. Managed over **100,000 data entries** for enhanced performance.
  - Employed **PostgreSQL** for efficient query execution, enhancing **database management**, and **performance optimization** for exceptional results.

WORK EXPERIENCE

- **Liveasy | Software Developer**   (*Apr'23 - Sep'23*)
  - Engineered a robust **REST API** using **Spring Boot**, leveraging **Java's framework** for streamlined development and achieving a **20% efficiency increase**.
  - Optimized **PostgreSQL queries** , resulting in **40% faster execution** and exceptional outcomes in system performance.
  - Integrated **Spring Boot** applications with **PostgreSQL** and **AWS S3** for seamless data retrieval and storage to ensure operational efficiency.
  - Orchestrated and led a team of **10 professionals** in spearheading the development of an **automatic load assignment feature**, resulting in a **30% cost reduction** through the implementation of **minimum pricing strategies** and **real-time pricing updates** via **Excel file uploads**.

CERTIFICATIONS

- Introduction to C++ certification from **Simplilearn**, showcasing proficiency in **C++**, [**Jan, 2024**]
- JPMorgan Software Eng Virtual Experience Program on Forage | Certificate | **Software Development** | [**Dec, 2023**]

SCHOLASTIC ACHIEVEMENTS

- Ranked **4895** in **Google KickStart-FareWell Round 2023**, demonstrating **algorithmic proficiency** and **strategic analytical thinking**.
- Demonstrated exceptional proficiency in **C++ programming**, earning a **5-star rating** on **HACKERRANK**.
- Spearheaded the successful completion of **UiPath RPA Certification**, specializing in **automating complex workflows** and achieving a **50% reduction** in manual errors.
- Developed a comprehensive foundation in **software development** including **C++, Data Structures and Algorithms, Web Development**, and **GitHub proficiency** for **version control**.