

ABHINAV KUMAR

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SUMMARY

- Passionate engineering graduate with expertise in full-stack development and quality analysis. Proficient in various programming languages, web frameworks, and data analysis tools. Seeking roles as a Full Stack Developer or Analyst to contribute to innovative projects.

EDUCATION

- **Manav Rachna International Institute Of Research And Studies** Haryana, India
Bachelor of Engineering Technology in Electronics and Communication July 2019 - Oct 2023
Courses: C-programming, Data structure And Algorithm, Database management Systems, Object Oriented Programming, Basics of Python programming, Operating system, Networking, Artificial Intelligence, VLSI Design, Control Systems, Signal Processing

SKILLS

- **Programming:** Python, PHP, C++, JavaScript, Java
- **Web Development:** NextJS, ReactJS, NodeJS, HTML5, CSS3, Tailwind CSS, SASS, Bootstrap, ExpressJS
- **Databases:** PostgreSQL, MySQL, Firebase, Supabase, Prisma, MongoDB
- **DevOps and Tools:** GIT, Stripe, Rapid API, Strapi
- **Data Analysis:** Tableau, Power BI, Excel, Pandas, NumPy, SciPy
- **Soft Skills:** Adaptability, Analytical Thinking, Problem Solving, Team Collaboration, Creativity, Time Management

EXPERIENCE

- **Zuru (Client- Sprinklr)** Remote
Quality Analyst (Full-time) Dec 2023 - Present
 - Delivered precise data annotation services for ML projects based on Sprinklr specifications, exceeding targets with **98%** accuracy.
 - Validated, created, and annotated datasets, optimizing processes and improving efficiency by **30%**.
 - Developed custom logic and prompts to meet client needs, enhancing project quality and satisfaction.
 - Formulated checklists and test cases, reducing errors by **25%**.
 - Contributed to high-profile projects for Samsung, Air Arabia, and others, ensuring top-tier results.
 - Presented insightful reports and dashboards in project meetings, offering actionable recommendations and achieving a **35%** improvement in data annotation efficiency.
- **Pan India Consultants Pvt. Ltd** On-Site
Software Developer Intern (Full-time) Feb 2023 - Jul 2023
 - **Website with admin dashboard:** Re-designed website with Reactjs, Sass and admin dashboard with Strapi cms. Improved UI design and performance score of website upto **95%**, accessibility **97%** and SEO **100%**. Fully responsive design with an admin dashboard to update the products and services on website.
 - **RTDS Automation:** Real Time Data Server automation with Python using pywinauto. Reduce the workload of the employees upto **90%** and reduced time to start servers.
- **Manav Rachna International Institute Of Research And Studies** On-Campus
Student Developer (Full-time) Jan 2021 - Feb 2021
 - **Implemented Projects:** Built a variety of projects, including a BMI calculator, weather app, portfolio website, and a fully authenticated website with password hashing using PHP and MYSQL. Additionally, leveraged the MERN stack for medium-scaled projects, leading to e-commerce websites and robust web applications.
 - **Quantitative Impact:** Boosted user engagement by **20%** through interactive features on small-scale projects. Achieved a **15%** improvement in page load times for medium-scaled projects by optimizing server-side data fetching.

PROJECTS

- **GET FLATS:** Revamped Airbnb-style app, boosting user experience with secure authentication, image uploads, efficient booking, advanced search, and seamless URL sharing. Optimized performance via server-side data fetching and robust error handling. Impact: Elevated platform usability. Significantly increased performance by **20%**. **Tech: Nextjs, ReactJS, Prisma, MongoDB, Tailwind CSS**
- **TimeSeriesForecasting ML:** Utilized Python libraries like NumPy and Pandas for efficient data manipulation and analysis in a Time Series Forecasting project. Achieved **70%** accuracy by mastering train-test splitting to make informed decisions and guide strategic planning based on historical data. **Tech: Python, NumPy, Pandas**
- **HR Analytics Dashboard:** Developed an HR Analytics Dashboard using Power BI and Excel, delivering actionable insights on key workforce metrics. Enhanced organizational performance and employee engagement through intuitive visuals and data manipulation. **Tech: Excel, PowerBi**

PUBLICATIONS

- **International Journal of Computer Applications (Importance and use of IOT in Healthcare):** Proposed a system with clinical devices and network-connected apps for remote healthcare delivery. Published October 2020.
- **International Journal of Advanced Research in Engineering and Technology (Machine Learning and its Application in Temperature Monitoring):** Contributed to a paper on Machine Learning and IoT's role in creating intelligent virtual objects. Highlighted IoT's applications in industrial temperature control using the "BOLT" platform. Published April 2021.