# Sumeet Bidhan

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in sumeettbidhan

## Technical Skills

- **Languages:** Python, C/C++, JavaScript, MATLAB
- **Web Development:** Angular, React, jQuery, Node.js, REST, SOAP
- **Frameworks:** Spring Boot, Adobe (Experience Manager, Analytics, Target)
- **Databases:** PostgreSQL, MongoDB, SQL, Talbleau
- **DevOps:** GIT, Jenkins, Docker, Kubernetes
- **ML and Data:** NumPy, Pandas, Geopandas, Scikit-learn, Matplotlib, Seaborn, NLTK, Spark, Hadoop, SageMaker and PyTorch
- **Others:** MS Office (Word, PowerPoint, Excel), Adobe Photoshop,Adobe InDesign, Jupyter Notebook, XML,GitHub,Illustrator CC, Canvas

## Professional Experiences

**VeriTech Software IT Services**                    Pune, India
*Software Engineer*                    *Jan 2024- March 2024*

- Worked with languages such as PHP and Python, inte- grating database management systems like MySQL and MongoDB.
- Gained valuable experience in version control using Git and GitHub, as well as in using frameworks like Bootstrap and React.js to streamline development processes and enhance project efficiency.
- Provided me with a comprehensive understand- ing of full-stack development, honing my skills in HTML, CSS, JavaScript, PHP, Python, and database management systems, and equipping me with the ability to contribute effectively to diverse web development projects.

**Freelance**                    New Delhi, India
*Full Stack Developer + Data Analyst*                    *May 2021 - Dec 2022*

- Developed and deployed responsive web applications using HTML5, CSS3, and JavaScript, and designed user interfaces with React.js, Angular, or Vue.js.
- Implemented back-end logic and APIs with Node.js, Express.js, or Flask, and managed databases with MySQL, PostgreSQL, or MongoDB.
- Utilized Git, GitHub, and CI/CD pipelines for version control, collaboration, testing, and deployment on cloud platforms like AWS or Azure.
- Utilized Git, GitHub, and CI/CD pipelines for version control, collaboration, testing, and deployment on cloud platforms like AWS or Azure.
- Interacted with clients to gather requirements, provide technical guidance, and deliver solutions that integrate front-end, back-end, and data components seamlessly.

**Tirupati Medicare ltd,**                    Ponta Sahib, Himachal Pradesh, India
*Quality Control Engineer*                    *May 2019 - July 2019*

- Developed and implemented quality control procedures using tools such as UV-Visible Spectrophotometer, HPLC ensuring compliance with healthcare regulations and industry standards.
- Utilised Tableau and MATLAB for data analysis, assessing healthcare data accuracy, identifying trends, and contributing to process improvement.
- Monitored and ensured adherence to federal and state regulations, playing a key role in maintaining compliance standards.

**Delhi Jal Board**                    New Delhi, India
*Industrial Internship*                    *May 2018 - July 2018*

- Conducted water quality data analysis using Python libraries (NumPy, Pandas) and MATLAB, detecting trends and anomalies for informed decision-making.
- Collaborated with the data engineering team to automate data preprocessing using MATLAB scripts, improving efficiency in data handling.
- Developed predictive models for water quality parameters using Scikit-learn and MATLAB's statistical toolboxes, aiding in proactive management strategies.
- Generated insightful visualizations using Matplotlib, enhancing communication of data-driven insights to stakeholders during presentations.

More Experiences

## Education

- **Guru Gobind Singh Indraprastha University** — New Delhi, India
  *Bachelor of Technology - Biochemical Engineering* — *Aug 2016 - March 2021*
  *Courses:* *Applied Mathematcis, Computational Methods for Biochemical Engineer, Insturmentation and Control lab, Enzyme Technology, Bioprocess Modeling and Simulation, Bioprocess Equipment Design, etc*

## Other Experiences

- **Guru Gobind Singh Indraprashta University** — New Delhi, India
  *Student Head, Entrepreneur Cell, and Captain, Basketball Team* — *2018-2019*
  - Spearheaded the Entrepreneur Cell, facilitating valuable connections between students and startup organizations for internships, enlightening guest lectures, and stimulating business competitions.
  - Commanded the university basketball team to multiple victories in prestigious national-level tournaments, showcasing leadership and a commitment to excellence.

## Personal Projects

**Machine Learning — Big Data — Natural Language Processing**

- Urban Rent Analysis Platform: A comprehensive platform to analyze rental trends, property prices, and affordability in Indian urban areas, providing valuable insights for renters, landlords, and real estate stakeholders.

- Healthcare Data Analysis Platform: A data analysis platform for healthcare providers to analyze patient data, trends, and outcomes for improved decision-making and patient care.

- Personal Finance Management Application: A comprehensive personal finance management application to help users track expenses, set budgets, and achieve financial goals.

- Online Bookstore and Recommendation System: An online bookstore platform with a personalized recommendation system to enhance the user experience and promote book sales.

**Full stack — DevOps — Performance Testing**

- Weather App : HTML, CSS, and JavaScript, providing users with current weather information for a specified location. Weather App utilises the OpenWeatherMap API to fetch real-time weather data.

- BlogHarmony: A dynamic platform integrating seamless data from backend systems using technologies such as Python, Django, SQL, and RESTful APIs for optimal user experience and stream- lined content management.

- Wordle: captivating word-guessing game utiliz- ing technologies such as JavaScript, HTML, CSS, and back- end integration with APIs for an engaging user experience and efficient data handling.