Rashid Imam

Portfolio: rimam-portfolio.onrender.com

Github: github.com/rimam1

LinkedIn: linkedin.com/in/rashid-imam

Email: rimamvibrant@gmail.com

Mobile: (+91) 725-606-4999

EDUCATION

- **National Institute of Technology, Patna** — Patna, India
  Integrated Master of Science in Physics; GPA: 8.14/10.0 — *July 2018 - June 2023*
  Courses: *Introduction to computing in C, Computational Physics, Engineering Mathematics, Math Methods, Artificial Intelligence, Python, Databases*

SKILLS SUMMARY

- **Languages**: Python, C, C++, JavaScript, SQL, Bash
- **Frameworks**: Scikit-Learn, Pandas, NumPy, Matplotlib, Apache Spark(PySpark), Selenium, BeautifulSoup
- **Tools**: GIT, MySQL, Jupyter Notebook, VS Code
- **Platforms**: Linux, Web, Windows, Arduino, AWS, GCP
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Tata Consultancy Services Limited (TCS)** — Pune, India
  Systems Engineer (Full-time, On-Site) — *Sep 2023 - Present*
  - **Client Name**: Deutsche Bank
  - **Role**: Data Engineer
  - **Project Description**: In this project, I designed and developed data pipelines using PySpark, Python, SQL, and executed Hive queries. Collaborating with cross-functional teams, I gathered requirements and implemented solutions to address business needs. I managed and monitored data processing jobs using Control-M, ensuring smooth execution. For effective code management, I implemented version control using GIT and Bitbucket. Technical documentation was maintained and updated using Jira/Confluence. Additionally, I conducted data analysis and troubleshooting to identify and resolve issues.

- **MindGraph Technologies Pvt. Ltd.** — Hyderabad, India
  Software Developer (Internship, On-Site) — *Feb 2023 - May 2023*
  - **Role**: Web Developer Intern
  - **Project Description**: During my internship, I had the opportunity to contribute to the development of a Smart Contract Web Application using React.js to address contract management inefficiencies and improve compliance. Employed Ant Design for a polished UI and implemented efficient code management through Bitbucket. Collaborated with cross-functional teams to translate business needs into a secure, user-friendly application.

VOLUNTEER EXPERIENCE

- **Training & Placement Co-ordinator, NIT Patna** — Apr 2022 - June 2023
  - As the Training and Placement Coordinator at my college, I elevated the placement process, achieving a remarkable **103%** placement rate. I streamlined procedures, organized preparatory sessions, and managed logistics for internships, fostering effective communication between students, administration, and recruiters. Collaborating with the Placement Cell, I ensured the seamless functioning of the recruitment process.

- **Workshop Co-ordinator, Robotics Club NIT Patna** — Aug 2019 - Mar 2020
  - Streamlined processes for multiple robotics workshops with over 100 teams of 3 students each. Led a team of 30 volunteers in September 2019 and organized additional workshops during my tenure as a workshop coordinator. Contributed to students' understanding of fundamental concepts in Arduino, sensors, motor drivers, and coding during their first year.

PROJECTS

- **Pune House Price Prediction Model**
  - Developed a robust machine learning model for predicting house prices in Pune, India, achieving an accuracy of over 80% using Linear Regression. Key aspects of the project include:
    - **Data Collection:** Gathered data from prominent Real Estate websites, including realestateindia.com and 99acres.com, utilizing Python, Selenium, and BeautifulSoup. Automated the data storage process into an Excel sheet for seamless accessibility.
    - **Data Analysis & Cleaning:** Employed advanced data analysis and cleaning techniques to ensure the quality and reliability of the dataset.
    - **Model Training and Testing:** Employed Linear Regression for model development, achieving a robust predictive accuracy of over 80%. Conducted thorough training and testing processes to ensure model reliability and effectiveness.

CERTIFICATIONS

- Joy of Computing using Python (**NPTEL, IIT Madras**) ↗
- Introduction to Database Systems (**NPTEL, IIT Madras**) ↗
- SQL Certification, Hackerrank ↗