Paul Ibzhan JB

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Education

Bachelor of Engineering in Computer Science and Engineering   2022-2026
St. Joseph's Institute of Technology, Chennai, Tamil Nadu   CGPA: 8.14

Skills and Certifications

Technical Skills: R Programming, SQL, Python, JAVA, C, Power BI, Tableau, Git, GitHub, APIs, Data Visualization, Plotting and Validation, Unit Testing, Debugging, Basic Figma

Soft Skills: Written and verbal communication, Time management, Adaptability, Attention to Detail, Leadership, Emotional Intelligence, Creativity

Certifications:

- GitHub Foundations - GitHub
- Python for Data Science - NPTEL
- Introduction to Machine Learning - NPTEL
- Generative AI Fundamentals - DataBricks
- CS50P - Harvard
- CS50R - Harvard
- AI-900 - Microsoft
- MLSA Event Host - Microsoft

Experience

Data Science Intern   Jun 2024 - Jul 2024
Bloom Info Systems, Chennai, Tamil Nadu

- Processed and analyzed datasets with over 10,000 data points.
- Created a comprehensive sales analytics dashboard in Power BI and Tableau, improving team insights by 50%. GitHub Link.
- Integrated and visualized user data from a website into Excel, enhancing reporting efficiency by 25%.

Projects

- **Sentiscope - Sensitivity and Toxicity-Based Comment Classification:** Created a model analyzing over 5,000 comments for toxicity using Google's Perspective API and Text Blob with a 98% accuracy rate. GitHub Link.
- **AI-Powered Healthcare and Emergency Response Assistant:** Developing a machine learning model using Neural Networks to provide real-time diagnosis and emergency assistance, potentially impacting over 20,000 rural healthcare users. GitHub Link.
- **RegressionHelper - Comprehensive Regression Analysis Package (Base R):** Developed an R package that provides essential regression functions, including Simple Linear Regression, Multiple Linear Regression, Polynomial Regression and Generalized Linear Models, using only base R for lightweight and efficient statistical modeling. GitHub Link.

Achievements

- Won 2nd Prize in **Technical Paper Presentation** at SRM-VEC on comment classification, competing with 50+ other teams.
- Runner-up in **ISP-38** Edition, showcasing marketing and communication skills.
- Got selected as **Microsoft Learn Student Ambassador** and was promoted to Beta as well.
- **Completed the Deloitte Australia Data Analytics Job Simulation on Forage** (March 2025), involving data analysis and forensic technology. Created a data dashboard using Tableau and used Excel to classify data and draw business conclusions.

Extra-Curricular Activities

- **Microsoft Learn Student Ambassador and MLSA community at SJIT:** Coordinated the MLSA community at SJIT, assisting 100+ students with certifications and career skills.
- **Campus Ambassador for IEEE Xtreme 18.0 Coding competition:** Engaged over 50 students in coding challenges.
- **Internship Supervisor at SJIT:** Taught Python and other skills to students, fostering practical understanding for over 15 individuals.
- **Hackathon Participant at VIT:** Competed in a 24-hour hackathon, developing an AI-based phishing, smishing, and pharming detector, and redesigned the CNN News website.