Swapnil Jha

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EDUCATION

- **Guru Gobind Singh Indraprastha Universtiy** — New Delhi, India
  Bachelor of Technology; GPA: 8.15 — *Aug '18 - Jul '22*

SKILLS SUMMARY

- **Coding**: Python, R, SQL
- **Frameworks**: Scikit, XGBoost, NumPy, TensorFlow, Keras, Pandas, Matplotlib
- **Tools used**: Alteryx Designer, Git, MySQL, Excel, Microsoft PowerBI, BigQuery, Tableau
- **Platforms**: Linux, Windows, Amazon Web Services (AWS), Google Cloud, Azure ML
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management
- **Languages**: English (C1), Hindi (B2), German(A1), Maithali(A2)

EXPERIENCE

- **ZS** — Delhi, India
  Associate (Full-time) — *Sep '22 - Present*
  - **Digital Customer Engagement**: Contributed to the development and implementation of machine learning-driven analytics projects for the Business Consultancy Group as part of the DCE team.
  - **Promotional Response**: Implemented resource optimization strategies for PR analysis, resulting in improved efficiency for top pharmaceutical clients.
  - **Data Engineering**: Led an end-to-end data engineering project, automating raw data processing for a pharmaceutical client to improve PR material.

- **Padhakku.com** — Remote
  Machine Learning Intern (Part-time, Contractual) — *May '21 - Jul '21*

- **CETPA Infotech Pvt. Ltd.** — Uttar Pradesh, India
  Machine Learning Intern (Part-time, Internship) — *Jun '19 - Jul '19*

PROJECTS

- **Detection of Ligament Rupture using Machine Learning on PyTorch**: Tech: Python3, PyTorch, Azure, Tensorboard, Data Augmentation, GPU, StanfordML Lab MRNet Dataset. (May '22)

- **Forecasting the Future Power Consumption of Germany in Alteryx Designer using LSTM, SARIMA, & ETS**: Tech: Python3, ETS, SARIMA, LSTM, Alteryx Designer, ENTSO-E Transparency Platform Dataset. (Feb '22)

- **A/B Testing a New Product Launch in Alteryx**: Tech: Alteryx Designer, Interpreting Test Results, Experiment Control, Statistical Sampling, and A/B Testing. (Oct '21)

- **Predicting Default Credit Risk for Bank Customers in Alteryx**: Tech: Classification Modeling, Binary Classifiers, Alteryx Designer, Non-binary Classifiers, Decision Trees, Logistic Regression, Model Interpretation, Stepwise Regression, Model Scoring, Random Forest Models, and Gradient Boosting. (Aug '21)

- **Predicting Catalog Demand Skills with Multiple Linear Regression**: Tech: - CRISP-DM Analytic Frameworks, Alteryx Designer, DA Business Context, Analytic Methodology Maps, Linear Regression, Regression Modeling. (Apr '21)

HONORS AND AWARDS

- Amazon AI & ML Scholarship Winner 2022 (May '22)
- TOEFL Score 120/120 (Apr '22)
- Bertelsmann Technology Scholarship Winner 2022 (March '22)
- GRE Score 316/340 (Mar '21)
- Bertelsmann Technology Scholarship Winner 2021 (Mar '21)

CERTIFICATIONS AND TRAINING

- **AI Programming with Python Nanodegree** — Udacity
  Funded by Amazon AWS — *May '22 - Nov '22*

- **Machine Learning with Tensorflow Nanodegree** — Udacity
  Funded by Bertelsmann Education Group — *Mar '22 - Sep '22*

- **Predictive Analytics for Business Nanodegree** — Udacity
  Funded by Bertelsmann Education Group — *Mar '21 - Nov '21*

CONFERENCES AND SEMINARS

- **Google Devfest Noida 2022**: Invited by Google at the Radisson Blu, Delhi NCR (Dec '22)
- **Google Cloud Community Days 2022**: Invited by Google at the Westin Gurgaon, Delhi NCR (Oct '22)
- **Google I/O Extended 2022**: Invited by Google at the Google Signature Towers, Delhi NCR (Jun '22)
- **GitHub Graduation 2022**: Invited by GitHub at Microsoft, Cybercity, Delhi NCR (Jun '22)