

BHARGAV SINGAPURI

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SKILLS

- Programming Languages: Python, Swift, C, C++, Java, Javascript, CSS, HTML, SQL.
- Applications and Frameworks: TensorFlow, PyTorch, PyTorch Lightning, WandB, HuggingFace, DeepSpeed, AWS, GCS, Terraform, iOS, Angular, React, NextJs, Flask, Django, MongoDB, PostgreSQL, Docker, Airflow.
- Languages: English, Gujarati, Hindi.

WORK EXPERIENCE

FULL STACK SOFTWARE ENGINEER, VERTEX GROWTH

- Built and deployed a Full Stack **Django-React** app on **GCP** using **Terraform** for internal company use that simplified processes for the various Funds under the Vertex umbrella.
- Ingested data from external databases, APIs and websites using **Python** Scripts and **Airflow** to expand the data available to the various Funds that allowed for better outreach opportunities and improved investment decisions.

FULL STACK SOFTWARE ENGINEER, UPSKILLS PTE LTD

- Lead a team of Interns to create a Full Stack application in **Angular, Flask** and **MongoDB** that was deployed using **Docker** for demonstrations to large local banks.
- Collaborated with an International Developer Team to create an internal Software Licensing and tracking system that was used by the company to ensure that customers stayed within contractual obligations.

EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY OF SINGAPORE

B.SC. IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

- Relevant courses: Neural Networks and Deep Learning, Natural Language Processing, Information Retrieval, Data Analysis & Mining, Software Engineering, Databases, Data Visualisation, Calculus, Linear Algebra, Statistics, Regression Analysis, Simulation Techniques in Finance, Multivariate Analysis, Time Series Analysis, Basic Optimisation.

NOTABLE PROJECTS

INDUSTRY SPONSORED FINAL YEAR PROJECT

- Creating Classifiers that predict LinkedIn Industries from a company's description using **HuggingFace, PyTorch Lightning** and **AWS**, and deploying them to the company's existing CRM tool to help aid Investment managers in making informed investing decisions.