HARSH BANSAL

Software Engineer

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EXPERIENCE

Software Engineer

Datopic Technologies Pvt. Ltd.

📅 2023 - Present   📍 Noida

- As an Software Engineer specializing in Python backend development, I leverage the FastAPI framework to build high-performance and scalable web applications
- My expertise includes working with both SQL and NoSQL databases to ensure efficient data management and retrieval.
- Additionally, I handle big data technologies such as Kafka and Hadoop to process and analyze large datasets, enabling real-time data streaming and robust data processing pipelines.
- My role involves writing clean, efficient code, optimizing application performance, and collaborating with cross-functional teams to deliver innovative solutions.

Full Stack Developer

Fintom8   📅 01/2025 - Present

- Full Stack Developer with experience in building scalable web applications.
- Backend expertise in Python (FastAPI) for RESTful and AI-driven APIs.
- Integrated AI APIs such as Gemini and ChatGPT for intelligent application features.
- Developed responsive frontends using Vue.js.
- Skilled in Google Cloud Platform (GCP) App Engine for deployment and cloud operations.

TRAINING & COURSES

Foundation: Data, Data, Everywhere

https://www.coursera.org/account/accomplishments/certificate/LA4MFDGEVP88

Introduction to Tensor flow in Artificial intelligence, Machine learning, Deep learning

https://www.coursera.org/account/accomplishments/certificate/L9MGARUW9VD2

Natural language processing in Tensor Flow

https://www.coursera.org/account/accomplishments/certificate/Q4GK6YEHH2HW

SUMMARY

Enthusiastic Software Engineering professional with a strong background in Artificial Intelligence. Experienced in a variety of technologies and frameworks, including Python, Machine Learning, and Deep Learning. Eager to contribute expertise to drive impactful solutions for software development. Passionate about leveraging innovation and cutting-edge technology to fulfill the mission of driving digital transformation and delivering high-quality results.

EDUCATION

B.tech CSE (Artificial Intelligence)

SGT university

📅 2019 - 2023

12th CBSE

Vandana International School

📅 2018 - 2019

10th CBSE

Vandana International School

📅 2016 - 2017

SKILLS

Python   Fast API   React   Django   MySQL

Docker   Data Analytics   Websockets

Hadoop   Git   PostgresSQL   MongoDB

REST API's   Flask   AWS   Linux

Apache Kafka   Apache Zookeeper

Apache Spark   Redis   Elasticsearch

Opensearch   AI   Machine Learning

Deep Learning   Cloudera   Apache superset

Shell Scripting   HTML/CSS   Vue js

CI/CD Pipelines   GCP   NodeJs   Vue

Apache Storm

INTERNSHIPS

Java Programmer

📅 06/2022 - 07/2022   📍 Delhi

Oasis Infobyte

- During my internship at Oasis Infobyte as a Java programmer, I worked on two key projects. The first was a "Guess the Number" program.
- The second project involved developing an ATM simulation, which included functionalities such as account balance checks, withdrawals, and deposits.

Machine Learning Intern

📅 11/2022 - 01/2023   📍 Delhi

Suvidha Foundation

- During my internship at Suvidha Foundation (Suvidha Mahila Mandal) as a machine learning intern, I gained practical experience in developing and deploying machine learning models.

Data Science Intern

📅 05/2022 - 06/2022   📍 Delhi

Lets Grow More

- During my internship at Let's Grow More as a Data Science intern, I worked on several projects involving machine learning and deep learning.
- I developed predictive models, applied algorithms for classification and regression tasks, and gained hands-on experience with neural networks.

Data Science & Business Analytics Intern

📅 03/2022 - 04/2022   📍 Delhi

The Sparks Foundation

- During my internship at The Sparks Foundation as a Data Science & Business Analytics Intern, I worked on two key projects. The first was a "Prediction Using Unsupervised ML" project, where I applied clustering algorithms to identify patterns in data.
- The second project, "Prediction Using Supervised ML," involved building predictive models using regression techniques.

Machine Learning Intern

📅 06/2022 - 09/2022   📍 Delhi

Value Matrix

- During my internship at Value Metrics as a machine learning intern, I focused on research related to facial recognition technology.