Kirtivardhan Singh

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SUMMARY

Full-Stack developer with experience in delivering solutions for the public sector; primarily for the states in the U.S. Proficient in JavaScript, Python, and Salesforce, with a strong background in deep learning and machine learning applications. Demonstrated success in leading cross-functional teams, optimizing processes, and driving technical innovation. Recognized for adaptability, collaborative mindset, and a commitment to continuous learning and professional development.

EXPERIENCE

Deloitte, **Associate Analyst/Analyst I**   *Mumbai, Maharashtra* **[Dec 2022 – Present]**

- Provided salesforce solutions for Public Sector in the US, using Apex, LWC, visual force and JavaScript. Integrated Salesforce with Deloitte's in-house tool, reducing development time by 1,900+ hours.
- Developed full-stack system for the Regional Alliance Marketplace procurement (City of Los Angeles) platform using JavaScript, Node.JS and React.
- Collaborated in an agile team environment, contributing to code reviews and continuous integration workflows.
- Participated in DevOps processes leveraging tools such as GitHub, Copado, and Bitbucket to streamline deployment and version control.
- Led a customer success team, achieving a 48% increase in success points and aiding other public sector projects.
- Served as cluster lead in Deloitte's non-profit education program for two years and organized the 2024 Government Public Services AI Hackathon.

VIPS-Technical Campus, **Teaching Assistant**   *Delhi* **[Dec 2021 – July 2022]**

- Assisted in the preparation and delivery of coursework for DSE-A (Data Science and Analytics) and DSE-B (Artificial Intelligence), for over 350 students.
- Facilitated group discussions and workshops, significantly enhancing student engagement, and understanding.

INMAS, DRDO, Ministry of Defense, **Machine Learning Research Intern**   *New Delhi, Delhi* **[Nov 2021 – March 2022]**

- Pipeline Development: Developed a comprehensive pipeline for real-time mental state and stress estimation on SoC hardware using EEG and fNIRS data.
- Data Collection and Model Training: Conducted EEG data collection from over 90 participants while they engaged in various activities within a VR environment and trained deep learning models using 12 & 24 channel EEG data to predict and analyze mental state and stress changes.

EDUCATION

GGSIP University –*Bachelors in Computer Applications (8.8/10)*   *New Delhi, Delhi* **[Graduation**: **June 2022]**

Coursework: Data Structures, Computer Networks, Machine Learning, Linear Algebra, Calculus, and Software Engineering

Leadership: Led the Association of Computer Enthusiasts as the President (2022), RD Head (2021) and ML Mentor (2020) and organized two hackathons including one international hackathon along with several other technical events and conferences in New Delhi.

Services/NPO: Teaching Volunteer at National Service Scheme (NSS)

SKILLS

Languages: JavaScript, C++, Python, SQL, Web Dev (HTML, CSS), React Js

Technology: Machine Learning, Data Visualization, Salesforce, Neural Networks, NumPy, Pandas, TensorFlow

Industries: Public Sector Solutions, Consulting

Tools: Jupyter Notebook, Google Colab, GitHub, VS Code, JIRA, Copado, Bitbucket

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

- Google Cloud Certified - Cloud Digital Leader
- Deloitte + Google: Cloud Generative AI Specialist
- Deep Learning (Coursera)
- Salesforce Certified Platform Developer I
- Salesforce Certified A.I. Associate
- Google Cloud Certified - Cloud Generative A.I. Leader
- Machine Learning Specialization
- Salesforce Certified Agentforce Specialist (AI Specialist)
- Salesforce Certified JavaScript Developer I
- Salesforce Certified Einstein Prediction Builder AP
- Salesforce Certified Administrator
- Salesforce Certified Business Analyst

PROJECTS | GitHub: ikirtivardhansingh

- Cognitive Intelligent Agent Mapping Rover: is an end-to-end pipeline of an autonomous rover with almost 56% of accuracy which was built with VR(Unity), Deep Learning and IoT.
- Sanskrit Devanagari Text Generator for Vedic Text: helped in generating and converting Devanagari, Roman or IAST scripts of Indian philosophical books.
- ACE Empathetic Bot: The goal of the project was to note patterns in conversation in a chatbot based upon only negative feedback.
- Small-Scale Inventory Management System: to solve the issue of small-scale businesses in northern India during the covid Pandemic in 2020 and provide a solution by which traditional 'bahi' method could be avoided.

AWARDS & ACHIEVEMENTS

- Deloitte: Spot Award July 2024
- Ministry of Human Resource and Development: Winner at KAPILA program