BATTULA SRINIVASA REDDY

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Proficient in machine learning, deep learning, SQL, statistics, and MS Excel (Advanced), with hands-on experience in developing and deploying an OCR system during an internship. Highly motivated and a quick learner of new technologies, with strong problem-solving skills. Demonstrated ability to deliver insightful data analysis and collaborate effectively with clients and stakeholders through excellent communication skills.

Academic Profile

MSc. Data Science	Christ (Deemed to be University), Pune Lavasa Campus	81.1%	2021-2023
BTech(ECE)	Sai Tirumala NVR Engineering College, Narasaraopet, AP	70%	2016-2020
Class XII (MPC)	VN Junior College of Science and Arts, Guntur, AP	95.1%	2014-2016
Class X	Gitams High School, Vinukonda, AP	93.3%	2013-2014

Work Experience

Computer Vision Engineer Smartail Pvt Ltd, Chennai, India   (Jan 2023- April 2023)
- About: Developed machine learning models and an OCR system to enhance educational outcomes, focusing on student performance analysis and automated grading.
- Responsibilities: Built predictive models using linear regression, logistic regression, and random forests; created an OCR system using Python and OpenCV; collaborated with cross-functional teams for real-time machine learning implementations.
- Contributions: Executed a project to deploy machine learning algorithms across 5 different subjects, empowering educators with data-driven insights to tailor teaching methods; directly impacted lesson effectiveness and student understanding in measurable ways.
- Impact: Improved the accuracy of student performance assessments and streamlined the grading process, providing valuable insights to stakeholders on educational outcomes.

Full Stack Web Developer at WTA Studios. — Hyderabad, Telangana   (July 2024 - Present)
- About: Full Stack Web Developer with expertise in Next.js, ShadCN, JavaScript, HTML, and CSS.
- Responsibilities: Develop and maintain responsive web applications using Next.js and ShadCN.
- Contributions: Implemented dynamic features and designed user interfaces for improved functionality and aesthetics.
- Impact: Enhanced user experience and streamlined development processes, leading to timely project delivery.

Skills

Programming Languages	Python, JavaScript, SQL
Machine Learning	Pre-Processing, ETL. Deep Learning. Computer Vision, NLP. Statistics, Time-series Analysis.
Tools and Technology	Power BI, MS Excel (Advanced), PowerPoint.
Soft skills	Analytical skills and adaptability, Leadership, Problem Solving, Decision making.

Achievements

Research – Image Caption Generation
- Objective: To enhance image search processes through automatically generated captions.
- Research included developing and presenting a paper on an image caption generation system. Presented findings at ICRTETBM 2023. Advanced neural networks like XceptionNet, ResNet, VGGNet, and LSTM were utilized for accurate caption generation.
- Presented findings at the Springer Conference, Pune, India.

Project

Realease — Nextjs and shadcn application
- Object: Build an app to store the details of land, layout, and plots for builders.
- Languages used: Nextjs, Javascript

Coerces and Certifications

- **University Courses:** Machine Learning, Deep Learning, SQL,NLP, Data Analysis, Probability and Statistics, Web Analytics, Cloud Analytics and Python
- Python for Data Science (Cognitive Class)
- Data processing and cleaning with Excel (Codebasics)
- NLP(Udemy)

I hereby declare that the above furnished details are correct to the best of knowledge.