ARSHAD WASIB SHAIK

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Professional summary

Recent M.Sc. Data Science graduate with distinction, skilled in **predictive modeling, AI/ML frameworks, and cloud software**. Delivered impactful projects and internships as an **independent contributor**, designing, coding, and deploying solutions without mentorship while leveraging **Python, C++, Docker, Kubernetes, and REST APIs**. Certified in **Machine Learning, Generative AI, and Data Analytics**, with proven achievements in fraud detection, CI/CD automation, and scalable systems delivering measurable business impact.

Skills

- Front-end languages: React.js, JavaScript, HTML, CSS
- Back-end languages: C, C++, Python, Java (basics), Shell Scripting
- Data science tools: SQL, Hive, Spark, ETL pipelines, statistical validation, predictive modeling
- AI/ML: TensorFlow, PyTorch, Scikit-learn, XGBoost, CNN, NLP
- Cloud & DevOps: Docker, Kubernetes, CI/CD automation, REST APIs, microservices
- Soft skills: Independent contributor, problem-solving, cross-functional collaboration, mentoring, clear communication

Projects

Automated Job Application Portal | *Link*
Tech Stack: React.js, Vite.js, TypeScript, PostCSS, Tailwind CSS, Google Apps Script, n8n, Bland.ai, Git
- Built full-stack portal automating 500+ calls/day, reducing manual effort by 70%
- Integrated APIs & workflows, improving recruitment efficiency by 60%
- Delivered responsive UI, boosting user engagement by 40%

Fake Bank Currency Detection System | *Link*
Tech Stack: Python, TensorFlow, Machine Learning, Deep Learning, CNN, NLP, Tkinter, Twilio API, Git
- Engineered fraud detection app with 92% accuracy, enhancing financial security
- Integrated OTP authentication, improving system reliability by 50%
- Deployed CNN model, reducing false positives in currency classification by 30%

Diabetes Prediction using Machine Learning Algorithms | *Link*
Tech Stack: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, SciPy, Git
- Built ML pipeline with 77% CV accuracy, improving predictive healthcare insights
- Automated ETL & preprocessing, reducing data handling time by 40%
- Validated models with statistical tests, ensuring robust performance across datasets

Internship Experience

Full Stack Developer Intern - Synnectify Technologies | Jul 2025 – Sep 2025
- Deployed React.js portal automating 500+ calls/day, reducing manual effort by 70%
- Mentored juniors, enforcing coding standards, improving sprint delivery speed by 30%
- Integrated AI agents, enhancing system scalability and decision accuracy by 40%

VXL IT Solutions - Docker Intern | Jan 2025 – Apr 2025
- Automated CI/CD pipelines, accelerating deployments by 30% and reducing release defects
- Optimized containerized infrastructure, ensuring scalable production-ready systems
- Enabled fraud analytics workflows, reducing pipeline latency by 25% using Spark containers

VXL IT Solutions - Python Developer Intern | Jan 2023 – May 2023
- Built ML desktop apps, delivering predictive insights with 85% accuracy
- Engineered ETL pipelines, reducing data processing time by 35%
- Applied supervised learning, improving risk prediction precision by 18%

Education

Master of Science (M.Sc.), Data Science – FIRST CLASS WITH DISTINCTION	**2023 - 2025**
Krishna University, Andhra Pradesh	**CGPA**: 8.56 / 10.0	
Bachelor of Computer Applications (BCA) – FIRST CLASS WITH DISTINCTION	**2020 - 2023**
Krishna University, Andhra Pradesh	**CGPA**: 8.77 / 10.0		

Certifications

IBM SkillsBuild – Machine Learning for Data Science Projects	**Oct 07, 2024**
Oracle Cloud Infrastructure 2025 Certified Data Science Professional	**Oct 26, 2025**
Cisco Networking Academy – Data Analytics Essentials	**Nov 20, 2025**
Oracle Cloud Infrastructure 2025 Certified Generative AI Professional	**Oct 09, 2025**

Achievements

- Achieved 92.3% accuracy using XGBoost & neural networks for predictive modeling *Link*
- Awarded Best Intern 2023 for problem-solving, documentation, and cross-team collaboration
- Completed 30 hours & 29 labs in Cisco Data Analytics Essentials, boosting analytical skills by 40% *Link*