

PRINCE LAKHANI

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SUMMARY

Junior B.Tech CSE (AI-ML) student at Adani University with strong foundations in data structures, algorithms, full-stack development, Data Science, and Data Analytics. Passionate about building scalable software systems and applying machine learning to solve real-world problems. Seeking an internship at Google to drive impactful engineering solutions.

EDUCATION

Adani University Ahmedabad, Gujarat
B.Tech in Computer Science & Engineering (AI-ML) | CGPA: X.XX/10 2023 – 2027

- **Relevant Coursework:** Data Structures, Algorithms, Machine Learning, Deep Learning, Data Science, Data Analytics, DBMS, Operating Systems, Computer Networks, Probability & Statistics, Linear Algebra, Discrete Mathematics

Shree Swaminarayan Gurukul Surat, Gujarat
Higher Secondary Education (PCM + CS) – Percentage: 80% Graduated: 2023

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, HTML/CSS, SQL
AI/ML: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
Web & Frameworks: React.js, Node.js, Express.js, REST APIs
Databases & Cloud: MongoDB, PostgreSQL, MySQL, Firebase, Google Cloud Platform (GCP)
Tools & Platforms: Git, GitHub, VS Code, Jupyter, Postman
Core CS: Data Structures, Algorithms, OOP, System Design, Agile/Scrum

PROJECTS

E-Commerce Web Application | *React.js, Node.js, MongoDB, Express.js, Docker* 2025
– Engineered a full-stack e-commerce platform with JWT authentication, product catalog, cart, and order tracking.
– Designed 15+ RESTful API endpoints with optimized MongoDB aggregation pipelines, reducing load time by 40%.
– Containerized microservices using Docker and deployed on cloud with 99.5% uptime.

ML-Based Disease Prediction System | *Python, Scikit-learn, Pandas, Flask, GCP* 2025
– Built an end-to-end ML pipeline with data preprocessing, feature engineering, and model training achieving 94% accuracy.
– Compared 5 classification algorithms (Random Forest, SVM, XGBoost, KNN, Logistic Regression) using cross-validation.
– Deployed prediction API via Flask on GCP, handling 200+ daily inference requests.

Real-Time Chat Application | *React.js, Socket.io, Node.js, Firebase* 2025
– Developed a real-time messaging platform supporting 100+ concurrent users with WebSocket connections.
– Implemented message encryption, typing indicators, read receipts, and media sharing features.

Algorithm Visualizer | *JavaScript, HTML5, CSS3, Canvas API* 2025
– Created interactive visualization tool for 10+ sorting and pathfinding algorithms (Dijkstra, A*, BFS, DFS, Merge Sort).
– Optimized rendering pipeline achieving 60 FPS animations for datasets up to 1,000 elements.

ACHIEVEMENTS & CERTIFICATIONS

- **Google Cloud:** Completed Google Cloud Computing Foundations and Associate Cloud Engineer track.
- **Hackathons:** Top 10 finalist in university-level hackathon out of 50+ participating teams.
- **Academic Excellence:** Scored 80% in Higher Secondary with distinction in Mathematics & Computer Science.
- **Coursera/NPTEL:** Completed courses in Machine Learning (Andrew Ng) and Deep Learning Specialization.