# ARADHYA SANTOSH SONAR

Email: sonararadhya@gmail.com | Phone: +91-8208136064 | Location: Pune, Maharashtra, India
Github: github.com/sonararadhya | Portfolio: aradhyasonar-portfolio.vercel.app | LinkedIn: linkedin.com/in/aradhya-sonar

## OBJECTIVE

To work in a stimulating and challenging work environment to apply and enhance my skills in React.js, Node.js, Express.js, MongoDB, and cloud technologies. Committed to delivering scalable web solutions, contributing best efforts to organizational growth, and securing a role that offers both professional challenge and long-term career advancement.

## WORK EXPERIENCE

**KasNet Technologies Pvt. Ltd., Pune —** Data Analyst Intern **Period:** July 2026 – July 2026

- Built interactive Power BI dashboards with drill-through, slicers, bookmarks, and dynamic visualizations for data analysis.
- Extracted and transformed data from Excel, SQL, PDF, and web sources via Power Query (ETL), building star-schema models with DAX measures.
- Managed datasets and optimized dashboard performance using Microsoft Azure and Microsoft Fabric.
- Cleaned and analyzed large datasets using Python (Pandas, NumPy), reducing preprocessing time by 30% and improving KPI reporting accuracy.

**Technologies:** Power BI, DAX, Power Query (ETL), SQL, Microsoft Azure, Microsoft Fabric, Data Modeling, Star Schema, Data Visualization, Excel, Tableau

**Codtech IT Solutions Pvt. Ltd., Pune —** Web Development Intern (MERN Stack) **Period:** January 2025 – February 2025

- Developed responsive full-stack web applications using React.js, Node.js, Express.js, MongoDB Atlas, and Supabase, resolving state synchronization, rendering, and API integration issues across dynamic interfaces.
- Built secure RESTful APIs with JWT authentication, optimized database queries using indexing and MongoDB aggregation pipelines, and reduced API response latency by 35%.
- Automated CI/CD workflows using Git, GitHub, and GitHub Actions, reducing deployment errors by 40%, and independently developed NetChronaix to solve real-time network telemetry and CORS-related challenges.

**Technologies:** React.js, Node.js, Express.js, MongoDB Atlas, Supabase, Git, GitHub, GitHub Actions, Agile

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5, CSS3, PHP, Python, Java, SQL
**Frontend Development:** React.js, Responsive Web Design, Recharts, REST API Integration
**Backend Development:** Node.js, Express.js, RESTful API Design, FastAPI, Authentication & Session Management
**Databases:** MongoDB, MySQL, SQLite, Supabase
**Cloud Technologies:** AWS (EC2, S3, IAM), Cloud Deployment, Microsoft Azure, Git, GitHub, VS Code, CI/CD Fundamentals,
**Data Analytics:** Data Cleaning, Exploratory Data Analysis (EDA), Statistical Analysis, KPI Tracking, Dashboarding, A/B Testing, Power BI
**Linux Technologies:** Linux (Ubuntu/Debian), Shell Scripting, Command-Line Administration
**Methodologies & Tools:** Agile, Scrum, Jira, SDLC, Version Control, Code Review, Pandas, NumPy, Matplotlib, Seaborn
**Soft Skills:** Problem-Solving, Team Collaboration, Communication, Time Management
**Languages Spoken:** English (Proficient), Hindi (Fluent), Marathi (Native), Gujarati (Fluent), Japanese (Beginner)

## PROJECTS

**Reunite AI - Missing Person Detection System** | Python, OpenCV, FastAPI, React.js, Generative AI | GitHub

- Developed an AI-powered missing-person identification platform using Python, Django, OpenCV, InsightFace (RetinaFace & ArcFace), Celery, and Redis, implementing asynchronous face recognition pipelines that reduced request latency by 85%.
- Engineered a high-performance facial recognition system using 512-dimensional embeddings and Scikit-Learn cosine similarity, achieving <150 ms face matching while implementing secure authentication, role-based access, and automated duplicate alert suppression.
- Built geospatial responder mapping, automated PDF case report generation, and evidence management workflows using ReportLab, integrating location-based dispatch and real-time notifications for end-to-end case tracking.

**MedAI Suite - Healthcare Diagnostic System** | Python, Random Forest, FastAPI, React.js | GitHub

- Developed an AI-powered healthcare diagnostic system using Python, Random Forest, FastAPI, and React.js, training a multi-class classification model on 10,000+ synthetic patient records for disease prediction and confidence-based diagnosis ranking.
- Optimized ML inference by preloading serialized models, achieving <50 ms prediction latency, and designed secure RESTful APIs for symptom analysis, diagnosis, and patient session management.
- Built an interactive React.js interface with symptom autocomplete, ranked diagnosis visualization, and AI-assisted medical guidance, improving usability through real-time clinical decision support.

## EDUCATION

**P.E.S. Modern College of Engineering, Pune** **Period:** 2023 – 2026
Bachelor of Engineering in Information Technology — CGPA: 7.84 — Percentage Aggregate: 70.90%

**Government Polytechnic, Awasari, Pune** **Period:** 2020 – 2023
Diploma in Information Technology — Percentage Aggregate: 87.19%

## CERTIFICATIONS & ACHIEVEMENTS

- Microsoft AZ-900 — Microsoft Certified: Azure Fundamentals
- Getting started with Artificial Intelligence — IBM
- Cloud Digital Leader — Google
- Getting started with Generative AI — IBM