PARIJAT BISWAS

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Kolkata, West Bengal, India

EDUCATION

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex *2024–2028*
Bachelor of Technology in Computer Science | CGPA: 7.5/10 *Kolkata, India*
Dum Dum Kishore Bharati High School *2023*
Higher Secondary (Science) | 75% | Focus: Mathematics, Physics, Chemistry, Computer Science

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, C, JavaScript (Node.js), TypeScript
Backend & Frameworks: Flask, Express.js, RESTful APIs, Microservices Architecture
Databases: MongoDB, PostgreSQL, MySQL
AI & ML: TensorFlow, OpenCV, Deep Learning, Computer Vision, CNN Architectures
Tools & DevOps: Docker, Git, VS Code, Postman, Neo4j, CI/CD Basics
Cloud Computing: Cloud Deployment (Learning), Docker Containerization

EXPERIENCE

Google Developers Group | AI-ML Virtual Internship (AICTE-Certified) *Jul 2025–Sep 2025*

- Completed 10-week Google-certified AI-ML internship focusing on Computer Vision and Deep Learning
- Built CNN architectures using TensorFlow and OpenCV for image classification and object detection
- Applied advanced preprocessing, data augmentation, and model optimization techniques for improved accuracy
- Implemented Image Product Search algorithms and real-world CV applications

PROJECTS

MERN Fashion Voting & Shopping Platform | *React.js, Node.js, Express.js, MongoDB* *Jul 2025*

- Built full-stack MERN application with role-based access (Designer, Customer, Admin)
- Implemented RESTful APIs for voting, shopping cart, and user management
- Designed responsive frontend with React and integrated MongoDB for real-time data persistence

janSuchna Community Issue Reporter | *TypeScript, React (Vite), Supabase, CSS* *Oct 2025*

- Developed community-driven web app for reporting and tracking local issues
- Migrated backend to Supabase for scalable authentication and database management
- Implemented real-time updates and user authentication with TypeScript for type safety

Disease Prediction Toolkit | *Python, Scikit-learn, Jupyter Notebook* *May 2025*

- Built ML pipeline predicting heart disease using UCI dataset with 85%+ accuracy
- Implemented Logistic Regression, Decision Tree, and Random Forest with hyperparameter tuning
- Performed EDA, feature engineering, and visualization for model interpretability

CERTIFICATIONS & ACHIEVEMENTS

Neo4j Certified Professional – Graph Database Management, Query Optimization *Jun 2025*
Python 3.4.3 Training – IIT Bombay Spoken Tutorial (College Training & Test) *Nov 2025*
PromptGen 2025 Workshop – Prompt Engineering, Microsoft Copilot (MLSA SURTECH) *Sep 2025*
Aptitude Training Program – 36-hour intensive (MJ Magic Studio) *Jul 2025*

ADDITIONAL INFORMATION

Languages: English (Fluent), Bengali (Native), Hindi (Fluent)
Interests: Chess, Reading books, Open-Source Contribution, Competitive Programming