Praveer Singh Jaggi

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PROFESSIONAL SUMMARY

Full Stack Developer with proven experience building scalable **web** and **mobile apps** using **React**, **React Native**, **Node.js**, **Firebase**, and **C#**. Delivered real-time systems across logistics, education, and gaming. Known for clean code, strong collaboration, and performance-first problem solving.

EDUCATION

B.Tech (Information Technology), K. J. Somaiya College of Engineering   Expected 2026
Honours in AI/ML
12th (CBSE), DAV Public School, Nerul   73.2% (2022)
10th (CBSE), DAV Public School, Nerul   93.8% (2020)

EXPERIENCE

Full Stack Developer Trainee, Green Ship Technologies   May 2025 – Present
- Built RESTful APIs using **C#** and **MySQL** for a vessel management platform.
- Developed file parsing tools for structured vessel and vendor data, reducing manual entry by 90% and cutting processing time from minutes to seconds.
- Wrote 25+ unit/integration tests and improved API docs using **Swagger**; contributed to Agile sprints.

Full Stack Developer (Part-time), Creovate   June 2025 – Present
- Built a multiplayer chess app with **React Native**, **Node.js**, **Redis**, and **Socket.io** for smooth real-time gameplay.
- Optimized matchmaking and game state logic, reducing DB load and enhancing latency under simulation.
- Collaborated in a 3-person Agile team using Git, standups, and shared testing cycles.

Frontend Intern, K. J. Somaiya College of Engineering   June – July 2024
- Built a mobile app using **React Native** and **Firebase Auth** with animated UI for student-faculty interaction.
- Integrated cloud-based forms and tested with 100+ users during pilot rollout.
- Participated in sprint planning, code reviews, and feature demos with stakeholders.

PROJECTS

Intrusion Detection System (IDS) — Python, XGBoost
- Built a real-time IDS using ML-based anomaly detection with **94–95% accuracy** and reduced false positives by 30%.
- Optimized pipelines for faster inference and integrated anomaly scoring for better threat visibility.

Portfolio Website — HTML, CSS, JavaScript, Firebase
- Created a responsive personal portfolio with animations, GitHub integration, and custom UI components.
- Hosted on Firebase with version-controlled updates via Git.

E-Commerce Website — HTML, CSS, JavaScript
- Built an interactive product interface with filtering, modals, and responsive layouts.
- Focused on user-centric design for intuitive navigation and dynamic content.

Food Delivery Website — HTML, CSS, JavaScript, PHP, MySQL
- Developed a full-stack food delivery platform with login, order tracking, admin panel, and real-time cart system.
- Backend handled using PHP and MySQL for data persistence and admin control.

Payment App — React Native, Firebase, Expo
- Designed a cross-platform mobile app with Firebase authentication and real-time payment logging.
- Emphasized reusable UI components and performance testing across devices.

SKILLS

Languages: JavaScript, Python, C#, PHP, SQL
Frameworks: React.js, Node.js, Express.js, Socket.io
Mobile: React Native, Expo
Databases: MongoDB, MySQL, Redis, Firebase
Tools: Git, Swagger, Postman, VS Code
Data/Cloud: Pandas, NumPy, Seaborn, Matplotlib, Google Cloud

CERTIFICATIONS

Python Programming (MyCaptain)   Artificial Intelligence (MyCaptain)
Web Dev Bootcamp (Udemy)   Google Cloud Core (Google)
Data Analysis for Business (FII)   Intro to Data Analytics (IBM)