AATHIF JAMEEL PM

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PROFESSIONAL SUMMARY

Final-year B.Tech AI and Data Science student with expertise in full-stack development, specializing in Spring Boot, Java, HTML, CSS, JavaScript, Maven, and MySQL. Experienced in building scalable web and mobile applications serving over 5,000 users. Certified in Agile Scrum, with a proven ability to deliver innovative, enterprise-grade solutions that provide seamless user experiences, robust performance, and measurable business impact through cutting-edge technologies.

EDUCATION

Bachelor of Technology (Hons.): Artificial Intelligence and Data Science: 2022-2026
Panimalar Engineering College, Chennai, Tamil Nadu, India
Higher Secondary (Class XII), Tamil Nadu State Board – Islamia Higher Secondary School, 2022

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, PHP
Web Development: HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Node.js, Express.js
Mobile App Development: React Native, Expo
Backend & APIs: Spring Boot, RESTful APIs, JWT Authentication, API Integration, Cloud Functions
Databases: MongoDB, PostgreSQL, Firestore, MySQL
Tools & Platforms: Git, GitHub, Jenkins, Maven, ESLint
Cloud, DevOps & Methodologies: AWS, Google Cloud, Oracle Cloud, Docker, Kubernetes, CI/CD Pipelines, Agile Scrum
System Design: MVC, HLD, LLD, Distributed Systems, Scalability, Fault Tolerance
Core CS Fundamentals: Data Structures, Algorithms, OOP, DBMS, Complexity Analysis

PROJECTS

UNIFIED STUDENTS INSIGHT PLATFORM: [Live Webpage](#) | [GitHub](#) | [Demo](#)

Crafted and operationalized a robust full-stack platform using **PHP, MySQL, HTML, CSS and JavaScript** seamlessly integrating **automated feedback collection**, **real-time attendance monitoring** and an **interactive recruiter dashboard** scaled to support **4900+ students** and **260+ faculty members** across **6 academic departments**.

EVENT HUB: [Live Webpage](#) | [GitHub](#)

Built a College Club and Event Management System using **Java, Spring Boot, Thyme leaf, HTML, CSS, JavaScript and MySQL** with **role-based access**, **real-time notifications** and **personalized dashboards**. Containerized with **Docker**, integrated a **CI/CD pipeline** and deployed with a separate SQL instance, enabling support for **100+ concurrent users** and improving event registration efficiency by **~40%**.

SPORTSFIESTA: [GitHub](#)

Spearheaded and implemented a **full-stack MERN** platform for corporate sports tournament management, featuring real-time updates via Socket.io and **Gemini AI-powered** event recommendation for 100+ participants.

AGENT STERLING: [GitHub](#) | [Live Webpage](#)

Constructed an AI social media assistant (Gemini 1.5 Flash + Fast API) handling **1,000+ real-time events** daily on Mastodon/Twitter. Designed a scalable async backend with **modular architecture 95%+ uptime**, intelligent rate limiting, and robust error handling.

MLB STORYTELLER (STAT SAGA) AI-POWERED BASEBALL PLATFORM: [GitHub](#)

Formulated and launched a **FastAPI + Docker** platform on **GCP** to generate narrative summaries from 100+ baseball matches using structured stats and AI. Implemented **CI/CD** and explored **Kubernetes** for scalability and monitoring.

EXPERIENCE

Triblet – Full Stack Developer
Nov 2024 – May 2025
- Led architecture and development of a sports management platform (React Native, TypeScript, Firebase) supporting 8+ sports.
- Devised advanced tournament formats (Knockout, League) and a multi-level admin dashboard.
- Designed a venue booking system featuring tiered pricing based on demand, amenity filters and split payments.

ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- 1st Place, Bit-N-Build 2024 (TN Region) and advanced to Mumbai finale at CRCE.
- Finalist, 100x Engineers AI Agent Hackathon (Top 25 of 1000+ teams) and built AI solutions in 24–36 hr hackathons like CODECRAFT 24 & SSN
- Presented research paper *"Virtual AI Health Assistant: Federated Learning & Generative AI for Equitable Healthcare"* at the 8th IEEE International Conference on Intelligent Computing (IConIC), March 2025

CERTIFICATIONS

NASSCOM: Cleared Cybersecurity Fundamentals Assessment, showcasing core cybersecurity skills.
Oracle: OCI 2025 Certified Foundations Associate, OCI 2025 AI Foundations Associate, Oracle Data Platform Foundations Associate, OCI 2024 – Generative AI.
Infosys Springboard: Principles of Generative AI, Agile Scrum in Practice, Artificial Intelligence, Generative Models for Developers.