

SHIRAS SHARAF

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PROFESSIONAL SUMMARY

Full Stack Software Developer experienced in enterprise applications with ASP.NET Core, C#, React, and Angular, plus Laravel, Node.js, and Django. Delivered HRMS, LMS, banking, CRM, and ERP systems used by 200–500+ users, with REST APIs, PostgreSQL/MySQL, and Docker/GitHub Actions CI/CD. Team Lead running code reviews and client meetings in Agile teams. Use AI tools (ChatGPT, Claude) for coding, debugging, and documentation, reviewing and testing all generated code.

SKILLS

Frontend: React, Angular, Next.js, Vue.js, HTML5, CSS3, jQuery, AJAX

Backend: Node.js/Express, Laravel, Django, FastAPI, ASP.NET Core, Spring Boot

Languages: JavaScript, TypeScript, Python, PHP, C#, Java

Databases: PostgreSQL, MySQL, MongoDB

ORMs: Prisma, Sequelize, Alembic, Entity Framework Core

Testing & Methodology: Selenium, Playwright (UI & API Testing), Apache JMeter, Agile, Scrum

DevOps & Tools: Docker, Jenkins, GitHub Actions, CI/CD Pipelines, Nginx, Apache2, VPS Deployment, Git, GitHub, Jira

WORK EXPERIENCE

Team Lead & Software Developer — HYZ Ventures Technopark

April 2025 – Present

Software Development & Team Leadership:

- Led development of 5+ end-to-end business applications (ERP, CRM, HRMS, LMS, banking, and AI-integrated systems) across Laravel, ASP.NET Core, React, and Express stacks
- Served as team leader, conducting code reviews, mentoring team members, and leading client requirement-gathering meetings
- Delivered systems now used by 200–500+ users across multiple deployed applications
- Containerized applications with Docker and built CI/CD pipelines using GitHub Actions to automate builds, testing, and deployments to Linux VPS environments

Satellite Security (Cyber Intelligence Corps Department, HYZ Ventures):

- Designed and planned prototypes for satellite security systems using embedded systems architecture
- Guided team members on satellite security implementation and best practices

Software Developer Intern (Laravel) — Inmakes Infotech Pvt. Ltd.

September 2024 – January 2025

- Worked as a software developer intern building web application features using the Laravel framework

PROJECTS

AI-Integrated Book Design System | React, Express, PostgreSQL, Groq AI

- Built an end-to-end book design platform solo, integrating Groq AI to generate content and text suggestions for authors/designers
- Developed full-stack architecture with React frontend, Express backend, and PostgreSQL for data persistence

Business Management System (Agrocorp) | Laravel, Blade, MySQL

- Built and deployed an end-to-end business management system solo, handling order processing, lead management, and business pattern tracking
- Implemented authentication/authorization, PDF/Word document generation, and workflow automation features
- Used daily by 10–25 staff to streamline business operations and reduce manual processes

Customer Management System | Laravel, Blade, MySQL

- Built an end-to-end customer/lead management system solo, enabling authorized employees to allocate leads to sales staff for follow-up
- Implemented activity tracking and footprint history to give full visibility into customer interactions and sales progress
- Used daily by 10–25 employees to streamline lead allocation and sales tracking

AI-Proctored Exam & Learning Management System | React, ASP.NET Core, PostgreSQL, Groq AI

- Built an end-to-end LMS with integrated AI-based exam proctoring, solo, using React, ASP.NET Core, and PostgreSQL
- Implemented configurable proctoring features including camera-based identity monitoring and screen/tab-switch detection, with admin-selectable monitoring modules
- Deployed to serve 50–200 students, ensuring exam integrity through AI-driven monitoring

HGB Fin Banking System | React, ASP.NET Core, PostgreSQL

- Built an end-to-end banking system solo, managing savings schemes and core banking activities for the organization
- Designed and implemented backend architecture with ASP.NET Core and PostgreSQL, paired with a React frontend
- Deployed to serve 200–500 users, supporting reliable financial operations at scale

EDUCATION

Bachelor of Science (BSc) — Physics/Mathematics

Indira Gandhi College of Arts and Science, MG University | 2023