

ARIF ULLAH

FULL-STACK DEVELOPER | AI PRODUCT ENGINEER

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PROFILE INFO

Results-driven Senior Full-Stack Developer and AI Product Engineer with 10+ years of experience designing and delivering scalable, high-performance web and AI-powered solutions. Proven expertise in leading cross-functional teams to build innovative products from concept to deployment, including medical AI scribes, enterprise management systems, and multilingual chatbots.

Specialized in modern JavaScript frameworks (React, Next.js, Angular, Node.js) and PHP frameworks (Laravel, CodeIgniter), with strong experience translating complex business requirements into secure, user-centric applications. Experienced across the full project lifecycle, including client consultation, system architecture, development, DevOps, and post-launch optimization.

EDUCATION

2011 - 2015

ABASYN UNIVERSITY

- BS Software Engineering

2009 - 2011

GOVT COLLEGE PESHAWAR

- HSSC (Pre-Engineering)

2007 - 2009

GOVT HIGH SCHOOL

- Matriculation (Science)

CORE COMPETENCIES

FRONTEND DEVELOPMENT

- React.js / Next.js
- AngularJS
- TypeScript / JavaScript
- HTML5 / CSS3 / Tailwind
- Bootstrap / Material UI

WORK EXPERIENCE

LEAD DEVELOPER

Click Media Lab Inc.

02/2024 - PRESENT

Led the end-to-end development of 3 AI-driven products and multiple WordPress and Laravel applications from concept to production. Directed cross-functional teams across design, engineering, and DevOps, ensuring successful delivery throughout the full software development lifecycle (SDLC). Partnered with stakeholders and sales teams to align technical strategy with business objectives and deliver scalable, high-performance solutions.

Key Achievements:

- Led end-to-end development** of **MedNoting**, an AI medical scribe for doctors that automates clinical documentation, reducing note-taking time by an estimated 30% for pilot users.
- Architected and launched Deter Dementia**, an AI-based dementia risk prediction tool leveraging behavioral data analysis to provide early risk assessment.
- Developed a first-of-its-kind multilingual AI chatbot** for automated customer support, capable of handling inquiries in all languages and reducing response times by 40%.
- Modernized front-end architecture** by leading migration of legacy codebases to React.js and Next.js, improving page load speeds by 35% and increasing user engagement metrics by 25%.
- Managed full-cycle project execution** for 12+ client projects, from requirements gathering and client onboarding to deployment and post-launch optimization.
- Mentored a team of 7 junior developers**, conducting code reviews and technical workshops that accelerated their onboarding by 50% and reduced production bugs by 15%.

BACKEND DEVELOPMENT

- Node.js / Express.js
- PHP / Laravel / CodeIgniter
- RESTful API Design
- JWT / OAuth / Sanctum
- Third-party Integrations

DATABASE & DEVOPS

- MySQL / PostgreSQL
- MongoDB
- CI/CD Pipelines
- Git / Jira / Asana
- Cloud Deployment

LEADERSHIP & AI

- Team Leadership
- AI Product Development
- Medical Tech Solutions
- Agile / Scrum Methodology
- Client Communication

LANGUAGES

- **English** – Professional working proficiency
- **Urdu** – Native proficiency
- **Pashto** – Native proficiency

TECHNICAL SKILLS & TOOLS

- **Frontend:** React.js, Next.js, AngularJS, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI
- **Backend:** Node.js, Express.js, PHP, Laravel, CodeIgniter, RESTful APIs, JWT, OAuth
- **Databases:** MySQL, PostgreSQL, MongoDB

TEAM LEAD

iQansoft Premium IT Solutions

04/2023 - 01/2024

Worked as Team Lead, responsible for developing and delivering client-focused web solutions while guiding a small development team. Oversaw the full development lifecycle, from requirements gathering to deployment, ensuring adherence to coding standards and best practices. Collaborated with clients and internal stakeholders to align technical solutions with business objectives.

Key Achievements:

- **Led end-to-end development** of 4 major client projects, including **Geobrakes**, **Rite Tire Canada**, and **Fair price auto parts**, delivering scalable, high-performance e-commerce and business platforms.
- **Architected and developed** custom web solutions tailored to the automotive parts industry, integrating complex product catalogs, inventory management systems, and secure payment gateways.
- **Designed responsive, user-friendly interfaces** using modern front-end technologies (Angular/Node.js/CodeIgniter/Wordpress), ensuring optimal user experience across all devices and browsers.

WEB MANAGER

Sarhad University Of Science & IT

01-2017 - 03-2023

Designed and developed 5+ institutional web applications and portals serving 5,000+ campus students and 25,000+ center students, along with faculty members. Led end-to-end full-stack development, including system architecture, database design, deployment, and performance optimization. Provided technical leadership to a small development team, conducted code reviews, and ensured adherence to best practices, security standards, and scalable architecture principles.

Key Achievements:

- **Design and development** of 5+ digital platforms including:
 - **Student Portal** – Centralized academic hub serving 5,000+ students, reducing IT support tickets by 25%.
 - **Alumni Portal** – Networking platform that grew alumni engagement by 40% within first year.
 - **ORIC Portal** – Research and innovation platform streamlining project proposals and funding opportunities.
 - **Online Journal System** – Peer-review platform publishing 100+ research papers annually.
- **Managed and optimized** institutional platforms including Moodle (LMS) and OJS, achieving 99.9% uptime and ensuring all systems were secure and up-to-date.
- **Developed scalable applications** using AngularJS, Node.js, Express.js, and CodeIgniter, handling 1,000+ concurrent users during peak registration periods.
- **Enhanced user experience** by introducing responsive design and modern web practices, resulting in a 30% increase in user satisfaction scores.
- **Collaborated with academic departments** to translate business requirements into technical solutions, delivering all projects on time and within budget.

- **DevOps & Tools:** Git, CI/CD Pipelines, Jira, Asana, Slack, Figma
- **AI & Emerging Tech:** AI Product Development, LLM Integration, AI Chatbots, Predictive Modeling, Medical AI Solutions
- **CMS & Platforms:** WordPress (Theme & Plugin Development), Moodle, OJS

PROJECT HIGHLIGHTS

MEDNOTING

React, Node.js, AI/ML APIs
AI medical scribe automating clinical documentation for doctors

DETER DEMENTIA

Next.js, Node.js, AI/ML APIs
AI-based dementia risk prediction tool

MULTILINGUAL AI CHATBOT

Laravel, Node.js, NLP
APIs, Web Socket, Firebase
Automated customer support in all languages

HOSPITAL MANAGEMENT SYSTEM

PHP, CodeIgniter, MySQL
Integrated platform for patient management

STUDENT PORTAL

AngularJS, Node.js
Academic hub serving 5,000+ students

HUMAN RESOURCE MANAGEMENT SYSTEM

PHP, CodeIgniter, MySQL
Comprehensive solution for NGOs

WEB DEVELOPER & TEAM LEAD

Parexons IT Solution & Services

01/2016 - 12/2016

Designed and developed enterprise-level web applications for clients across healthcare, HR, and document management sectors while providing technical leadership to a small development team. Led full-stack development from system architecture and database design to deployment and maintenance. Guided developers through code reviews and best practices while collaborating directly with clients to translate business requirements into scalable, secure, and high-performance solutions.

Key Achievements:

- **Architected and developed 3 enterprise-level products:**
 - **Hospital Management System (HMS)** - Integrated platform managing patients, staff, appointments, and billing for a mid-sized hospital, reducing administrative processing time by 20%.
 - **Cloud Document Management System** - Secure solution for storing and sharing documents with advanced access control, adopted by 3 enterprise clients with 500+ users.
 - **Human Resource Management System (HRMS)** - Comprehensive solution for NGOs covering payroll, attendance, and performance tracking, streamlining HR operations for 200+ employees.
- **Led and mentored 6 junior developers and 5+ internee**, delegating tasks and conducting code reviews to ensure quality standards were met.
- **Delivered 10+ client projects** within strict deadlines, ensuring scalability, usability, and 100% client satisfaction.
- **Built responsive web applications** using PHP, CodeIgniter, Bootstrap, Javascript and jQuery ensuring cross-browser compatibility and mobile responsiveness.

WEB DEVELOPER

Softnex IT Solution

09/2015 - 12/2015

Designed and developed responsive, user-centric web applications for clients across multiple industries. Contributed to both front-end and back-end development, ensuring scalable architecture, optimized performance, and secure application functionality. Collaborated with cross-functional teams to deliver high-quality solutions aligned with client requirements and business objectives.

Key Achievements:

- **Developed and maintained 15+ dynamic websites** using PHP, HTML, CSS, JavaScript, and jQuery.
- **Created responsive user interfaces** with Bootstrap, ensuring seamless experience across desktop, tablet, and mobile devices.
- **Collaborated with senior developers** to integrate new features and optimize performance, reducing page load times by 20%.
- **Assisted in debugging and troubleshooting**, resolving 95% of reported issues within 24 hours.