

# Adil Javed

aadil.sahi@gmail.com • [linkedin.com/in/adil-javed-sahi/](https://www.linkedin.com/in/adil-javed-sahi/) • Pakistan • +92-3458668969



## Software Engineer

**Technologically advanced Software Engineer** who has delivered extraordinary by providing **Multiple Award Winning IT solutions to the US Healthcare sector** and significantly contributed to position the organization - **CureMD as Excellence in eHealth. Performance-driven Software Engineer** who has successfully led **30+ medium to megascale e-Health Care Projects**, including architecture, features, compliance standards, and delivered models that solved complex real-world healthcare problems. **Best in developing EDI Applications, RCM Operation Automation, Data Interoperability and Healthcare Systems, Web Application Development, Webservices / APIs, Window services and XSLT. Detail-oriented and highly analytical IT professional** with progressive experience in translating business requirements to technical specifics and developing world-class software architecture and designs.

**Consistent Award Winner for consecutive 7 years. Stellar record** in the development of software products and implementing automation solutions that transformed the administrative and clinical operations of healthcare organizations of both private & government sectors in the **USA. Demonstrating excellence in translating business needs** into comprehensive project plans, including objectives, timeline, deliverables, budget, and quality standards. **Specialized in Full-Stack and .NET. Skilled in** fostering and fortifying profitable relationships with stakeholders, infrastructure experts, business units, external customers, partners, and vendors. Very **quick to grasp** new technical skills to keep current with new automation and technology and familiar with **ISO policies (ISO Compliance 27001), EHNAC regulations, X12 Standard, and International Standards. An effective communicator**, team builder, and analytical problem solver thoroughly committed to excellence, both technically and administratively.

**Technical Proficiencies:** Languages: C/C++, C#, CLIPS, XML, SQL, JAVA/JAVASCRIPT, JQUERY, REACT, CSS, HTML  
Tools & Technologies: .NET CORE, FRAMEWORK, ORMs, ADO.NET, ASP.NET, MVC, WEB API (.NET, PHP), WCF, MS SQL/MYSQL, MongoDB, ELK Stack, RabbitMQ, RATIONAL ROSE/VISUAL PARADIGM/MS VISIO, ASTERISK  
Domains: EDI ANSI X12, CLEARING HOUSE, US HEALTHCARE

## 🏆 Key Achievements & Awards

- Received **9 awards and 3 promotions in 9 years** of tenure in CureMD and achieved certified products
  - 2021, "Efficient Performer" Award on Novelhealth.AI | Appreciation Award on Autonomous Billing from the client
  - 2020, "Integration Expert" Award | Award on Novelhealth.AI | Award on Autonomous Billing on Townhall
  - 2019, Team of the Month Award for "AI Medical Billing Software Solution"
  - 2018, Team of the Month Award for EDI Clearinghouse Certification 'EHNAC'
  - 2015, Employee of the Month Award, CureMD
  - 2013, Employee of the Month Award, CureMD

## Core Strengths

- |                                    |                        |                        |
|------------------------------------|------------------------|------------------------|
| • Software Design & Architecture   | • Data Automation      | • AI Expert System     |
| • Software Requirements & Analysis | • Coding & Programming | • SQL Data Warehouse   |
| • Agile Development Methodologies  | • Project Management   | • Quality Assurance    |
| • Documentation & Reporting        | • Prototyping          | • Coaching & Mentoring |

...continued...

## Career Experience

**Technical Project Manager**, EDI-Automation, CureMD Lahore 2013 to Present

Groomed through the roles of **Technical Lead, PR Software Engineer, and Sr. Software Engineer**.

Positioned the company to next level by significantly developing **2 Award-winning IT Solutions i.e., AI Expert System and CureConnect EDI Clearing House**. Board of Directors recognized the efforts and promoted to Technical Project Manager in EDI Automation Department. First line of technical contact for clients and other stakeholders. Leading the development of high technical projects along with 4 teams, including 20 Developers, 4 Testers, and 1 Scrum Master.

Reviewing code and architecture design documentation to analyze bugs and mistakes while removing them to increase efficiency. Collecting requirements from business developmental authorities, including clients and proposing design to identify needs and constraints of project. Delivering guidance and training to the team members in technical and healthcare field.

- **Increased clientele and minimized cost** by providing technical assistance on potential opportunities with the help of billing client services team.
- **Operated and coordinated projects** from frontend to achieve an architecture, which helped automation of remittance user workflows.
- **Built a new and innovative architecture** to convert existing system into microservices and SAS model.
- **Conceptualized, introduced, and developed auto reminder call system** for patient appointments in order to save time, reduce no-shows, and improve bottom line.
- **Designed, developed, and implemented EDI clearing house** and connected with different insurances in **52 US states**.
- **Achieved accreditation for the Healthcare Network Accreditation Program (HNAP)/ EDI Services/products** from the Electronic Healthcare Network Accreditation Commission (**EHNAC**) in 2021 by analyzing the EHNAC provided clauses, enhanced the system as per EHNAC observation and standards.
- **Secured competitive edging** in market, increased credibility and performance by maintaining EHNAC accreditation.
- **Offered a solution in CLIPS Expert System** language that was built and used by **NASA**.
- **Coached and mentored 15 developers** on CLIPS Expert system language and Billing Expert System architecture to achieve exceptional performance benchmarks.

### Core Projects:

Planned and monitored complete product-based projects from requirement gathering/analyzing/designing/developing till delivery, including project budget, costing, evaluation of scope of services, defining project timeliness with respect to requirements, and more. Project Execution was in line with Project Plan, completed **95%** of tasks on time or earlier. Tech stacks used: REACT, C#, .Net Core, .Net Standard, .Net Framework, .Net5, MS SQL, MongoDB, Redis, ELK, RabbitMQ, CLIPS, Visual Studio 2019, SQL Server 2016, Azure DevOps, GIT.

### Project I: AI Medical Billing Software Solution for Accurate and Simplified Billing

- Designed the scalable, maintainable and performance-oriented automation solution from scratch in .Net Core and CLIPS. And this solution design was reviewed and approved by author of CLIPS language as well. Till today, this system has almost 1M rules, including user defined and **automated 95% of user workflows of Medical Billing**.
- **Automated 100% claims process lifecycle and review that reduced 95%** procedural complexities, **reduced 130** man hours per day, **increased 200%** speed of processed claims, thereby reduced overall costs and increased efficiency of medical billing and collections across the industry.
- **Automated 95%** of EDI claim processing workflows and **98%** of EDI remittance processing.

# Adil Javed

Page | 3

- **Built full Claim Validation and ERA payment computation engine in CLIPS language** that took Json or EDI document as input and produced output along with predicted alerts and auto corrections.

## Project II: NovelHealth

- **Reengineered Novelhealth.ai App** with the help of 3 professionals during the time of **Covid-19** and introduced amazing features of online scheduling, video visits, and vaccine management that was used by **500+** customers immediately as an add-on service and approximately **7 million patients** received services while using this app.
- **Built backend architecture** with 2 Architects while using technology stacks, including C#, .Net Core, MicroServices, MongoDB, Identity Server, Window Services, .Net standard, ELK Stack, Logging and Etc.
- **Introduced Automated Vaccine Management System** by integrating Novelhealth with AI Medical Billing System that replaced the **50** workforce on daily basis.

## Project III: CureConnect EDI Innovation Clearing House

- Working on this product since 2013; adding new and upgrading existing features, **saving \$100K+** every month for providing EDI services to all clientage of CureMD.
- **Built Clearing House** on micro services architecture to achieve SaaS with extensive data checks, logging, OpenID authentication, MongoDB, SQL, RabbitMQ, ELK, Design Patterns, SOLID principles, and others. It can also be integrated with any IO.
- **Integrated 52 states of the USA with the largest Health Insurances Providers**, including Blue Cross Blue Shield, Medicaid, Medicare, Aetna, United Healthcare and more. EDI Health Care standards generated new revenue stream.

## Project IV: Cure MD Electronic Health Record (EHR) System

- **Led this award winning product from day one** and built several valuable projects till today. Spearheaded and trained 2 teams in this product line and they are enhancing the product features according to customer need and US healthcare standards like 'MU, CQM, and ANSI X12 EDI'.
- **Implemented OAuth2.0 authentication system** along with enhancing integration capacity by developing CureMD Developer API by keeping in mind MU certification and client requirements and the whole architecture is based on Microsoft OWIN, SQL, MVC,.Net API 2.0, Window Services, SOLID, and Design Patterns.
- **Built an Automated Patient Appointment Reminder System** for the patient's convenience to notify and reschedule their appointments and integrated several online payment gateways, including **Global Pay**.

**Software Engineer, Billing, Kabot International Lahore**

2011 to 2013

**Administered large-scale projects for Kabot product (Vista++) clients from the USA** and achieved the listed goals and deliverables. Oversaw, inspired, and shaped the EDI team with 2 Junior Developers in 2013. Participated in monitoring all aspects of project development with team, including evaluating, conceptual estimating, budgeting, extensions, and quality of work. Provided information by gathering, analyzing, and summarizing development and service issues. Determined process improvements, best practices, and established new processes.

- Designed and developed Payment module of split (ERA) and Electronic patient statements submission from scratch.
- Designed and developed Provider's scheduler with giving all customization and Patient Demographic Module.

---

## Education

**BS Hons. in Information Technology, 2007 – 2011, University of Sargodha, Sargodha, Pakistan**