

Asazad Amir Pathan

asazadpathan31@gmail.com

+91 9890878387

[LinkedIn](#) — [GitHub](#)

Professional Summary

Full-Stack Developer with **3+ years of experience** delivering scalable, user-centric healthcare and medical billing applications. Strong specialization in **Angular** (RxJS, Angular Material) for responsive, accessible UIs, and **Python (FastAPI)** microservices backed by **Microsoft SQL Server**. Experienced with **Microsoft Azure** (App Service, Functions, Storage, Key Vault, Monitor, CI/CD with Azure DevOps) and certified as **AZ-204: Azure Developer Associate**. Passionate about exploring **AI/ML technologies** and building practical projects integrating **OpenAI, Azure OpenAI, and Google Gemini** for tasks such as claim-denial classification, document parsing, and intelligent automation. Implemented OAuth2/OIDC, role-based access control, caching, and observability for reliable, high-performance services. Collaborates in Agile teams, owns end-to-end modules, and writes maintainable code focused on scalability, resilience, and measurable outcomes.

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, SQL
- **Backend:** FastAPI, REST APIs
- **Frontend:** Angular 16, RxJS, HTML5, CSS3, Bootstrap
- **Database:** SQL Server, SQLite
- **Cloud:** Microsoft Azure (App Services, Functions, DevOps)
- **Tools:** Git, Azure DevOps, Jenkins, Postman, Anaconda
- **Methodologies:** Agile, Scrum

Experience

Software Engineer — IntegraConnect — Apr 2025 – Present

- Developed and maintained scalable **Angular** frontends with **RxJS** and **Angular Material**, integrated with **FastAPI** backend services deployed on **Azure**.
- Implemented authentication, caching, observability, and performance optimizations to ensure secure, high-performance applications.
- Mentored junior developers, conducted code reviews, and integrated AI/ML experimental modules for claim-denial analysis and automation as proof-of-concept projects.

Programmer — IntegraConnect — Aug 2022 – Mar 2025

- Developed responsive **Angular** frontends with **RxJS** and **Angular Material**, integrated with **FastAPI** backend services.
- Optimized SQL Server queries and automated workflows using **Python scripts** and **Azure Functions**, improving efficiency by 20–30%.
- Collaborated in Agile teams, implemented RESTful APIs, and documented technical processes for cross-team and client use.

Education

B.Tech. in Computer Science and Engineering

Dr. Babasaheb Ambedkar Technological University — CGPA: **9.42/10** — 2018 – 2022

Projects

Denial Management System (AI-driven) — 2025

- Leveraged pre-trained AI/ML models and fine-tuned them on healthcare claim datasets to predict claim denials with improved accuracy.
- Built a **FastAPI**-based service to integrate AI predictions into healthcare workflows, enabling real-time denial analysis.
- Developed an **Angular**-based dashboard for visualization of claim denial insights, supporting faster decision-making and revenue recovery.
- Implemented data preprocessing and feature engineering pipelines in **Python** to ensure consistent, reliable input for the fine-tuned models.

Insurance Claim Management System (Full Stack) — 2024

- Modernized the claim submission and tracking interface using **Angular** and **FastAPI**, enhancing usability for medical coders.
- Integrated secure claim data handling with SQL Server and optimized backend queries for faster processing.
- Automated claim validation workflows with **Python**, reducing processing errors and boosting claim throughput by 20%.
- Deployed the application on **Azure App Service** with CI/CD pipelines using Azure DevOps.

Certifications

- **AZ-204**: Microsoft Certified Azure Developer Associate – Microsoft
- Generative AI Essentials – Educative
- Web Development with Angular – LinkedIn Learning
- SQL Essential Training – LinkedIn Learning

Achievements

- Promoted to Software Engineer at IntegraConnect based on performance and leadership.
- Recognized for implementing Python-based automation that improved team velocity.