ABDULLAH S

sabdullah222@gmail.com | +91 8220252556 | Chennai, India

abdullahs.info | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Detail-oriented and adaptable Software Engineer with experience in designing, developing, and deploying applications using .NET Core, Python, Angular, Next.js, MySQL, and Azure. Skilled in REST API development, frontend–backend integration, database optimization, and automation tools. Adept at collaborating with cross-functional teams to deliver secure, scalable, and high-performance software solutions. Quick learner with a strong focus on clean code, performance tuning, and continuous improvement.

CORE SKILLS

- **Languages & Frameworks:** .NET Core, C#, Python, TypeScript, JavaScript, HTML, CSS
- **Frontend**: Angular, Next.js
- **Backend:** .NET Web API, FastAPI
- **Databases**: MySQL, Azure SQL
- **Cloud & Tools**: Azure AD, Git, Postman, REST APIs, AL Programming (Business Central)
- **Specialties:** API Development, AI Integration, Automation, Document Processing, Authentication & Authorization

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PROFESSIONAL EXPERIENCE

Software Engineer – Faysys Technologies | Nagercoil, India | Jul 2024 – Present

- Designed and developed full-stack applications using .NET Core, Angular, Next.js, and Azure SQL, ensuring scalable architecture and secure user authentication via Azure AD (SSO).

- Developed and maintained RESTful APIs in .NET Core integrated with frontend frameworks for real-time data exchange, reducing load times by 25%.

- Built automation tools in .NET for scheduled email notifications, reducing manual follow-ups by 30%.

- Designed and optimized MySQL database schemas, stored procedures, and complex SQL queries for high-performance transactions.

- Created Python FastAPI applications for structured document analysis, semantic comparison, and API-based insights delivery.

- Delivered AL programming solutions in Microsoft Business Central for dynamic business workflows.

Key Projects

- Faysys Payslip Generator (.NET 8, .NET MAUI, PdfSharpCore, SQLite)

  o Developed a cross-platform desktop app for generating professional PDF payslips with integrated company and employee management.

  o Implemented CRUD operations, validation, earnings/deductions automation, and a modern tabbed UI with light/dark themes.

- Faysys Expense Management System – Demo (Next.js 15, React 19, Tailwind CSS)

  o Created a responsive role-based frontend demo for expense reporting workflows with mock data for employees/admins.

  o Integrated dashboard analytics, bulk import simulation, file upload validation, and mobile-friendly UI design.

AI Integration & Automation

- Built AI-powered document comparison tools using OpenAI APIs and embeddings for semantic search.

- Designed prompt-engineered workflows for automated text generation and reporting.

- Integrated AI agents to automate repetitive operational tasks.

Junior Software Engineer – Wowiso | Thiruvananthapuram, Kerala | Sep 2023 – Jul 2024

- Utilized .NET Core, Angular, and Azure SQL to design, develop, and maintain enterprise-grade software applications.

- Implemented Azure Active Directory (Azure AD) for secure user authentication and authorization, enabling Microsoft login integration across Angular front-end and .NET backend services.

- Designed and developed MySQL databases, including table creation, data modeling, and writing optimized queries for application performance.

- Participated in the complete SDLC — architecture design, coding, testing, debugging, and deployment.

- Collaborated with cross-functional teams to deliver high-quality, performance-driven solutions on schedule.

- Resolved complex technical issues and optimized system performance through proactive analysis and problem-solving.

Software Intern – Zonsig Technologies | Virudhunagar, Tamil Nadu | May 2023 – Jul 2023

- Developed and consumed REST APIs in .NET Core for secure data exchange between system components.
- Built SQL scripts for database management, automation, and reporting.
- Participated in full software development lifecycle including architecture design, implementation, and testing.

EDUCATION

- **BTech – Information Technology** | Noorul Islam University | **CGPA: 8.04** | Mar 2023
- **HSC – Computer Science** | Sree Narayana Guru | **70.42%** | Apr 2018
- **SSLC** | Sree Narayana Guru | **85.40%** | Apr 2016

Languages: Tamil – Native, English – Fluent

DECLARATION

I hereby declare that the information provided is true and correct to the best of my knowledge.

Abdullah S