

SEKHAR BABU PANDI

13 Years 8 Months Experience • ⚡ **Immediate Joiner**

Senior Full Stack Engineer | .NET, Angular & Cloud (Azure · AWS) | AI-Augmented Development

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PROFESSIONAL SUMMARY

- ▶ Designed and delivered **10+ enterprise-scale applications** end-to-end — US payroll, supply chain, and HR platforms — as sole or primary engineer from database schema through production go-live.
- ▶ Built and deployed **30+ small-to-mid scale web and desktop applications** across healthcare, e-commerce, ed-tech, and modular kitchen domains — spanning monolithic, modular, and cloud-hosted models across Azure, AWS, IIS, GoDaddy, WinHost, and ctrl+s VM.
- ▶ Proactively identifies improvement opportunities beyond assigned scope — initiated and delivered **frontend optimisation (4–6s → 2–3s load, 15–25 → 8–9 requests)**, **automated tax correction** replacing monthly manual effort, and **closed 10–15 unnecessary requirements** before development — consistently driving quality, performance, and efficiency without being asked.
- ▶ Trusted go-to engineer for hardest problems: security vulnerabilities, production outages, legacy refactors, and complex payroll tax logic carrying real financial risk.
- ▶ 13+ years of end-to-end delivery across **US payroll, supply chain, healthcare, property & HR management, e-commerce, and ed-tech** — enterprise products, freelance builds, and international client engagements across India, Netherlands, and UK.
- ▶ Equally strong on backend and frontend — .NET APIs, modular systems and service-oriented architecture, and pixel-perfect Angular / Bootstrap UIs.
- ▶ Actively embedding AI-assisted development (**GitHub Copilot, Claude Code, ChatGPT**) for **2+ years** — critically directing, questioning, and correcting AI output to maintain engineering integrity.
- ▶ Worked across the full SDLC with US product owners, onsite teams, tax and domain experts, and direct clients — from requirements gathering through production deployment.

CORE COMPETENCIES

Backend & Cloud

- ▶ Azure (App Services, DevOps) & AWS (S3, Secrets Manager)
- ▶ Modular Architecture & SOA Design
- ▶ REST API Design & System Architecture
- ▶ Performance & SQL Optimization
- ▶ Azure DevOps & CI/CD Pipelines

Frontend & UI

- ▶ Angular / AngularJS (module & component development)
- ▶ Responsive Web Design (Bootstrap)
- ▶ Kendo UI, jQuery, JavaScript
- ▶ Mobile-first & Cross-device UI
- ▶ Browser Performance Optimization

Leadership & AI

- ▶ Technical Mentoring & Code Reviews
- ▶ Security Vulnerability Remediation
- ▶ GitHub Copilot, Claude Code & LLM / Gen AI Prompt Engineering (2+ yrs)
- ▶ Cross-functional Collaboration
- ▶ **Exposure & Conceptual Knowledge:** Microservices, Docker, Kubernetes, System Design Trade-offs

TECHNOLOGY STACK

Backend: .NET Framework, .NET Core / .NET 8, C#, ASP.NET MVC, Web API, Entity Framework, ADO.NET, Crystal Reports, Core PHP (extensive freelance project experience — websites, portals, HR systems), Python (exposure).

Frontend: Angular, AngularJS, JavaScript, Kendo UI, Bootstrap, jQuery, Responsive Design, AJAX

Cloud & DevOps: Azure (App Services, DevOps), AWS Secrets Manager, AWS S3, Okta MFA, GitHub Actions, CI/CD, IIS, WinHost, ctrl+s VM, GoDaddy, HostGator

Database: SQL Server, MySQL — schema design, stored procedures, query optimization, reporting; MySQL with Core PHP (raw query-based, cPanel hosted) across freelance projects

Security & AI: Snyk, Checkmarx, Trace3 Pen Test, CAST — detection through remediation; GitHub Copilot, Claude Code, ChatGPT, LLM-assisted development — 2+ years daily disciplined use; Gen AI awareness in SDLC

Legacy / Modernization: ASPX, AngularJS, ADO.NET, VB.NET, WPF, Windows Forms — modernizing to .NET Core + modern frontends

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Jul 2022 – Apr 2026

CAPS Talent Technologies Pvt. Ltd. (Cast & Crew Entertainment)

Hyderabad | Hybrid

- ▶ **Technical second-in-command to the Engineering Manager** — primary escalation point for ~10 complex production issues over 4 years requiring deep line-by-line diagnosis (post-logout loops, AngularJS conditional failures, dynamic billing errors); proactively identified and closed 10–15 unnecessary requirements before development — saving the team weeks of misdirected effort.
- ▶ **Owned end-to-end delivery across 20+ modules spanning 4 products** — collaborating daily with product owners, US onsite teams, tax consultants, and third-party API teams.
- ▶ **Eliminated 70% of security vulnerabilities** flagged by Snyk, Checkmarx, Trace3 Pen Test, and CAST — and hardened the platform by integrating AWS Secrets Manager, AWS S3, and Okta MFA, eliminating secrets exposure risks and ensuring enterprise compliance across all portals.
- ▶ Identified a recurring monthly manual scripting effort and proposed a permanent fix — engineered an **automated FUTA BCR & SUTA tax correction system** using chained stored procedures on a 15-day schedule across CT, NY, and CA tax brackets — eliminating reactive month-end work and auto-generating corrective invoices for over-billing, under-billing, and zero-billing scenarios.
- ▶ **Refactored the legacy TaxEngine from the ground up** and resolved production RESTful API and SQL Server performance bottlenecks — eliminating years of technical debt, cutting page load times, and preventing recurring downtime across a 20+ year-old multi-tenant payroll platform.
- ▶ Independently identified and proposed **frontend performance optimisation** on a deprioritised internal platform — implemented sprite consolidation, layout-based script loading, Kendo grid visibility-driven SP trimming, and lazy loading — reducing page load **from 4–6 seconds to 2–3 seconds** and **HTTP requests from 15–25 to 8–9 per page**.
- ▶ Architected and built **session timeout security module and mobile Crew Portal** — closing idle-session vulnerabilities across all portals and delivering full cross-device Angular/Bootstrap functionality for a mobile-first field workforce, both zero-to-production with zero live disruption.
- ▶ Led **Agile/Scrum sprint operations and AI-augmented engineering** across 4 products — ticket triage, PR reviews, Azure DevOps CI/CD, QA/DBA coordination, and daily use of GitHub Copilot and Claude Code with disciplined output validation.
- ▶ Mentored **junior developers and QA engineers** across debugging, testing strategies, and CI/CD pipelines — consistently reducing new joiner ramp-up time and improving team delivery throughput.

Senior Consultant – Full Stack .NET Developer

Jun 2018 – Jul 2022

Forcitude Consulting

Hyderabad

- ▶ Architected and delivered **end-to-end enterprise systems across property, HR, inventory, and store management** — functioning as sole developer, architect, and client-facing technical lead across the complete SDLC.
- ▶ Designed **multi-role access control systems with dynamic role-based workflows** — enabling self-service administration and reducing manual configuration effort for new clients.
- ▶ Built **dynamic reporting dashboards with Flot Charts, PDF generation, and automated email pipelines** — eliminating manual reporting processes and significantly reducing operational overhead.
- ▶ Delivered fully **responsive, mobile-friendly UIs using Bootstrap, jQuery, and Ajax-based patterns** — enabling field staff to access critical business data from any device.
- ▶ Collaborated with **US and offshore clients** to gather requirements and deliver scalable .NET and Web API solutions on schedule.

Freelance Full Stack Developer & Consultant

Aug 2015 – May 2018

Self-Employed · India · Netherlands · UK

Remote

- ▶ Delivered **Ran an independent full stack consulting practice — architected and delivered 15+ production systems** across inventory, travel, ed-tech, healthcare, modular kitchen, and classifieds — split across ASP.NET MVC/.NET and Core PHP/MySQL stacks, with sole ownership from client brief through production deployment.
- ▶ Took over a **flawed legacy desktop supply chain system (NRG Access, Netherlands)** — diagnosed and fixed core issues across inventory, purchase orders, and sales invoice modules, then converted the entire application to ASP.NET MVC web retaining the same backend services.
- ▶ Scaled NRG Access to a **multi-country, multi-instance architecture** (Netherlands, Ireland, Luxembourg) — isolated deployments and databases per country, 2000+ customers, 1500+ bulk orders, dynamic pricing, and hosting migrations from WinHost → Azure → ctrl+s VM. (Netherlands, Ireland, Luxembourg) — isolated deployments and databases per country, 2000+ customers, 1500+ bulk orders, dynamic pricing, and hosting migrations from WinHost → Azure → ctrl+s VM.
- ▶ Built **modular kitchen pricing configurators, wardrobe estimators, and quotation generators** — replacing manual estimation with real-time web tools used in post-sale order configuration and processing.
- ▶ Designed **pixel-perfect, responsive UIs** using ASP.NET MVC, AngularJS, Bootstrap, and Core PHP — with mobile-first layouts and cross-browser compatibility for international clients.
- ▶ Achieved **7K Alexa Rank for ClassifiedMart.in** through disciplined on-page SEO — demonstrating full product ownership from engineering through growth and traffic acquisition.
- ▶ Independently managed **cloud deployments on WinHost, Azure, GoDaddy, HostGator, and ctrl+s VM** — including DNS, SSL, domain configuration, and ongoing production support across all client projects.

Software Developer

Aug 2012 – Jul 2015

Panacya Business Solutions

Hyderabad

- ▶ Joined as founding developer and grew the engineering team — delivering **3 enterprise systems (Purchase-to-Pay, Fleet Management, Sales CRM) from zero to production**, replacing entirely manual business workflows.
- ▶ Built **hybrid desktop/web applications in WPF, VB.NET, and ASP.NET** — serving clients who needed both desktop reliability and web accessibility from the same product.
- ▶ Bridged technical and non-technical stakeholders — translating operations team requirements directly into working software with minimal rework.

EDUCATION

Bachelor of Engineering – Computer Science | QIS College of Engineering & Technology, JNTU Kakinada – 2011