# FULL-STACK AI ENGINEER

**Candidate Reference Number: 202608081355**

## PROFILE

Senior AI Application Developer with **10+ years of experience** building cloud applications, API services, responsive UI systems, BI dashboards, data-driven platforms, and AI-enabled tools. Strong full-stack capability across **JavaScript/TypeScript, Python, C#, Node.js, React, Angular, .NET Core, FastAPI, databases, cloud deployment, CI/CD, and secure integrations**. Experience includes healthcare, insurance, analytics, privacy-sensitive systems, rapid prototyping, and AI-assisted development.

## CORE CAPABILITIES

**AI / Data:** OpenAI | Anthropic | AI prompt engineering | machine learning | Pandas | NumPy | PyTorch | Scikit-Learn | Azure Databricks | PySpark

**Frontend:** React | Angular | Blazor | HTML5 | CSS3 | SASS | responsive UI | Flexbox | PWA | mobile-first design

**Backend / APIs:** .NET Core | Node.js | FastAPI | Django | Flask | REST | GraphQL | WebSockets | microservices | ORM

**Cloud / DevOps:** AWS | Azure | Docker | Kubernetes | Terraform | Azure DevOps | GitHub Actions | Jenkins | CI/CD

**Data / BI:** PostgreSQL | SQL Server | Azure SQL | MySQL | MongoDB | DynamoDB | Elasticsearch | BI dashboards

**Security / Integrations:** HIPAA | OAuth2 | JWT | Auth0 | OWASP | encryption | RBAC | Firebase | Stripe | Twilio | Supabase | Sentry | Datadog

## SELECTED DELIVERY EVIDENCE

- Architected a claims-processing platform using .NET Core, Node.js, Python, and REST services to process **1M annual records** with reported **38% faster reconciliation**.
- Delivered responsive React/Angular/Blazor workflow interfaces with reported **31% improvement in workflow completion** for healthcare operations teams.
- Integrated AI risk models with Python, Azure Functions, and BI dashboards to support review of **2M policyholder events**, reportedly improving turnaround by **35%**.
- Automated GitHub Actions/Azure DevOps/Docker/Kubernetes release pipelines, reducing reported deployment time from **3 hours to under 1 hour**.
- Optimized Elasticsearch and SQL Server reporting queries, reportedly reducing BI dashboard latency by **50%**.
- Built Python FastAPI and React conversational AI workflows using OpenAI-style orchestration, improving reported healthcare conversation completion by **40%**.

## ENGAGEMENT FIT

Strong fit for senior full-stack AI engagements requiring a practitioner who can move across **application architecture, AI integration, APIs, responsive UI, data/BI, cloud infrastructure, security, and delivery automation**. Particularly well suited to regulated or data-sensitive environments where stakeholder communication, rapid prototyping, and production reliability matter.

# EXPERIENCE EVIDENCE

**Candidate Reference Number: 202608081355**

### 2022-2025 | SENIOR AI APPLICATION DEVELOPMENT

- Built healthcare and insurance-oriented application platforms using .NET Core, Node.js, Python, React, Angular, Blazor, REST APIs, BI dashboards, and cloud services.
- Strengthened HIPAA-focused API security using JWT, OAuth2, OWASP practices, encryption, and role-based permissions.
- Integrated Auth0, Twilio, Firebase, and payment-style service patterns into secure workflow modules.
- Coordinated delivery across product, compliance, marketing, analytics, and logistics stakeholders in Agile sprint environments.
- Mentored eight engineers on Git workflows, API documentation, ORM patterns, UI reviews, and problem solving.

### 2018-2022 | AI APPLICATION ENGINEERING

- Built FastAPI/React AI-assistant workflows with speech-enabled interaction, REST APIs, session history, conversation storage, and secure authentication.
- Implemented Twilio, Firebase, WebRTC, and cloud services for speech-enabled prototypes supporting **60K monthly sessions**.
- Automated AWS Lambda, Kubernetes, Terraform, Datadog, and CloudWatch deployments, reportedly cutting cloud provisioning time by **50%**.
- Launched PostgreSQL/RDS/Elasticsearch BI reporting and analytics for engagement and quality metrics.
- Translated executive product concepts into technical prompts, specifications, and working prototypes across multiple stakeholder groups.

### 2015-2018 | FRONTEND / API DEVELOPMENT

- Created healthcare marketplace and broker-facing platforms using .NET Core, Node.js, Angular, React, TypeScript, JavaScript, and responsive UI patterns.
- Secured partner authentication flows with JWT, OAuth2, Auth0, and role-based API permissions.
- Migrated reporting workloads to AWS, Azure SQL, and relational database services, improving reported BI refresh cycles from **90 minutes to 34 minutes**.
- Standardized Git, unit testing, and CI/CD practices across multiple services, reducing reported release recovery effort by **29%**.

### EDUCATION / CERTIFICATIONS

**Bachelor of Science - Computer Science**
**Certifications:** AWS Certified Cloud Practitioner | HIPAA Compliance Training