



Wei Wilkins

Senior AI / Automation Engineer

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SUMMARY

Seasoned AI/Automation Engineer focused on HR tech, enriched by over 6 years of hands-on experience implementing advanced integration platforms. Proven partnership with HR and IT teams to streamline processes and elevate operational efficiency. Actively enhances technical capabilities while delivering best-in-class AI solutions through robust API integrations and automation frameworks. Strong focus on security, compliance, and data integrity guides every successful project. Passionate about creating meaningful impacts across diverse organizations by connecting insights from AI technologies with pragmatic solutions that address stakeholder needs. Eager to leverage skills in crafting scalable systems that elevate business performance.

STRENGTHS

- 💡 **Innovative Thinking**
Crafted bespoke solutions addressing unique client challenges through creative strategies in tech integration.
- 🗣️ **Effective Communication**
Led cross-department workshops simplifying complex ideas; empowering non-technical teammates to engage confidently.
- 👥 **Collaborative Leadership**
Fostered trust within multi-functional teams, routinely transforming team dynamics leading to successful project results.
- 🕒 **Time Management**
Juggled multiple priorities effortlessly, meeting tight deadlines while delivering high-quality outputs consistently.
- 🔍 **Analytical Problem Solving**
Identified core issues iteratively, resolving sophisticated technical problems with an investigative approach and keen insight.

SKILLS

API Development and Integration

Python Java C++ JSON XML

REST SOAP AI Technologies

Problem Solving

Stakeholder Engagement

Security Compliance Data Integrity

Automation Workflows

EXPERIENCE

Senior AI / Automation Engineer

Innovative Solutions Corp. 📅 January 2021 - Present 📍 Houston, TX

Directly responsible for spearheading innovative AI-driven solutions aligned with HR automation goals, paving pathways for higher integration efficacy. Work closely with diverse teams gathering requirements to shape bespoke AI transformations.

- Lead design and implementation of AI-driven solutions enhancing HR operations.
- Collaborate to collect requirements, producing customized AI outcomes improving the user interface.
- Develop integration workflows using RESTful APIs alongside JSON and XML standards.
- Facilitate training sessions validating new AI features with stakeholders.

Mid-level Software Engineer

Tech Forward LLC 📅 June 2018 - December 2020 📍 San Antonio, TX

Key contributor involved in back-end service development, focused on reinforcing system integrations vital for HR software efficiencies.

- Engineered backend services utilizing Python and Java, fostering data integrity for applications.
- Coordinated with product teams ensuring seamless updates by documenting integration practices.
- Engaged in code reviews aimed at maximizing software quality and refining development protocols.

Junior Developer

Data Dynamics Inc. 📅 July 2016 - May 2018 📍 Austin, TX

Developed foundational knowledge of enterprise applications while contributing effectively to collaborative projects/settings.

- Supported development of high-scale applications nurturing skills in API connections and database management.
- Worked alongside experienced developers, enhancing art of software troubleshooting and coding techniques.

LEADERSHIP & AWARDS

- Employee Excellence Award at Innovative Solutions Corp. for outstanding leadership in AI integration projects (2025)
- Best Innovation in Technology Award from Tech Forward LLC for streamlining backend processes (2019)

EDUCATION

Bachelor's Degree in Computer Science

University of Texas at Austin 📄 GPA: 3.8 📅 2016 📍 Austin, TX

Coursework: Software Development, Algorithms, Database Management, Networking

Backend Development

Integration Design

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Senior AI / Automation Engineer at Innovative Solutions Corp. (5.4 Years)

● Mid-level Software Engineer at Tech Forward LLC (2.5 Years)

● Junior Developer at Data Dynamics Inc. (1.8 Years)

CERTIFICATIONS

- Certified AI Engineer 📅 2025
- API Integration Specialist 📅 2024

TECHNICAL SKILLS

- **API Integration Techniques:** Technical documentation, Hands-on training sessions, Continuous improvement cycles
- **Programming Languages:** Python, Java, C++
- **Data Formats:** JSON, XML
- **Cloud Integration Tools:** AWS, Azure
- **Development Methodologies:** Agile, Scrum
- **Testing Frameworks:** Postman, Insomnia
- **Security Protocols:** OAuth2, JWT
- **Communication Platforms:** Slack, Microsoft Teams
- **Project Management Tools:** Trello, Asana, JIRA
- **Collaboration Software:** GitHub, Bitbucket

PROFESSIONAL AFFILIATIONS

- Active Member at Austin AI Developers Meetup, sharing insights on latest advancements
- Volunteer at Code for Good, applying programming skills for community causes

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST