

Wei Wilkins

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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.

EXPERIENCE

Senior AI / Automation Engineer January 2021 - Present
Innovative Solutions Corp. *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 June 2018 - December 2020
Tech Forward LLC *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 July 2016 - May 2018
Data Dynamics Inc. *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 2016
University of Texas at Austin GPA: 3.8 *Austin, TX*

Coursework: Software Development, Algorithms, Database Management, Networking

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

SKILLS

- API Development and Integration
- Python
- Java
- C++
- JSON
- XML
- REST
- SOAP
- AI Technologies
- Problem Solving
- Stakeholder Engagement
- Security Compliance
- Data Integrity
- Automation Workflows
- Backend Development
- Integration Design

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

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST