

# King Mcdaniel

## Senior Software Development Engineer

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### STRENGTHS

- Algorithmic Precision**  
Expertise in actionable algorithmic thinking has led multiple initiatives to impressive success.
- Effective Team Collaboration**  
Fostering inclusive team-oriented environments promotes collective problem-solving capabilities.
- Technical Mentorship**  
Constantly mentoring juniors creates an engaging, knowledgeable team atmosphere fostering growth.
- API Innovation**  
Leading breakthrough efforts in API features encourages ongoing advancements aligned with business goals.
- Adaptable Learning**  
Embracing new technologies energizes creativity, driving ideal and prompt adaptations to shifting requirements.

### SKILLS

API Development (REST, GraphQL)

TypeScript Python

Algorithm Design

Testing Frameworks (JUnit, Postman)

Agile Methodologies Leadership

Technical Documentation

Performance Optimization

Software Architecture

System Reliability

Scalable Solutions Coaching

Project Collaboration

Data Structures Caching Strategies

### SUMMARY

Dynamic Senior Software Development Engineer with over nine years crafting impactful APIs, leading team projects while ensuring efficient and scalable solutions. Experienced in partnerships with product engineering teams to create frameworks that drive excellence. Strong command of TypeScript and Python boosts API reliability and enhances performance standards. Proven track record in algorithmic design incorporating data structures for system optimization is invaluable. Always eager to mentor junior engineers, play a collaborative role across teams, and solve challenges through strategic thought processes.

### EXPERIENCE

#### Senior Software Development Engineer

Tech Solutions Group January 2020 - Present Dallas, TX

Currently driving the design of innovative APIs fostering seamless collaboration across multiple product lines. Directly contributes feedback during code reviews evolving around meticulous product quality assurance.

- Lead scalable API design aligning with multiple stakeholders enhancing project outcomes.
- Partner with product managers to develop solid API contracts improving functionality.
- Implement performance optimizations supporting system reliability and efficiency.
- Mentor junior developers sharing best practices and guiding through technical challenges.

#### Software Engineer

NextGen Systems June 2016 - December 2019 Houston, TX

Focused on developing, testing, and maintaining RESTful APIs that integrated seamlessly into applications, boosting overall user experience. Actively participated in agile workflows promoting adaptable development strategies.

- Built robust RESTful APIs countless applications relied upon showcasing resilience.
- Instituted advanced testing frameworks vital for elevating software quality and trustworthiness.
- Collaborated closely with cross-functional teams translating needs into practical solutions.
- Engaged consistently in code reviews refining application architectures for peak effectiveness.

#### Junior Software Developer

Innovative Solutions Corp August 2014 - May 2016 San Antonio, TX

Involved in shaping web applications with backend services offering first-hand familiarity with essential coding practices and collaborating cohesively within Agile teams to enhance project timelines and deliverables.

- Assisted in vibrant web application development contributing ideas to enhance end-user interaction.
- Participated actively in code evaluations signaling a proactive learning curve through insightful observations.
- Gained fundamental insights into Agile methodology always striving to adapt swiftly to changes.
- Refined documentation protocols nurturing transparent communication within diverse groups.

### LEADERSHIP & AWARDS

- Recognized Employee of the Month for outstanding leadership and project contributions in January 2021.
- Achieved commendation for top productivity levels during API roll-out phases in June 2019.

### EDUCATION

#### Bachelor's Degree in Computer Science

University of Texas at Austin GPA: 3.8 2014 Austin, TX

**Coursework:** Data Structures, Algorithms, Cloud Computing, Software Engineering

## LANGUAGES

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English Native

Spanish Intermediate

## MY CAREER

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● Senior Software Development Engineer at Tech Solutions Group (6.4 Years)

● Software Engineer at NextGen Systems (3.5 Years)

● Junior Software Developer at Innovative Solutions Corp (1.8 Years)

## CERTIFICATIONS

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- Certified ScrumMaster (CSM) 📅 2021
- AWS Certified Developer – Associate 📅 2020

## TECHNICAL SKILLS

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- **Programming Languages:** TypeScript, Python
- **Frameworks:** AWS, JUnit, Mockito
- **APIs:** REST, SOAP, GraphQL
- **Cloud Technologies:** AWS Lambda, EC2, S3
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Development Tools:** Git, JIRA, Bitbucket
- **CI/CD:** Jenkins, CircleCI, Travis CI
- **Testing Tools:** Postman, Mojo, Selenium
- **Version Control:** Git, SVN, Mercurial
- **Containerization:** Docker, Kubernetes, OpenShift

## PROFESSIONAL AFFILIATIONS

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- Member of the Agile Alliance emphasizing continuous improvement and flexibility.
- Participant in various hackathons promoting innovation in technology and software solutions.

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST