

# Irfan Shaik

Software Developer

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## SUMMARY

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Aspiring to secure an entry level Software Engineer position to leverage my proficiency in programming, database management, and web development. Committed to architecting scalable, high-performance applications and enhancing software frameworks.

## INTERNSHIPS

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### Python Intern

Sak Informatics

Aug '22 — Sep '22

- Engineered Python-based solutions, optimizing software efficiency and reducing processing time, enhancing system performance.
- Implemented optimized coding standards and modular programming techniques, boosting code reusability by 40% and minimizing maintenance overhead.
- Designed and optimized efficient, maintainable Python scripts, improving execution speed while ensuring adherence to industry standards.
- Collaborated with the development team to streamline automation workflows, reducing manual effort by 50% through strategic scripting enhancements.

## EDUCATION

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### Bachelor in Computer Science and Engineering, Jawaharlal Nehru Technological University Anantapur

(GPA: 68%)

Aug '19 — Jun '23

Inter, Narayana Junior College (GPA: 85%)

Jun '17 — Jul '19

## CERTIFICATIONS

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Agile Virtual Experience Program, JP Morgan Chase Co

Software Virtual Experience Program, Wells Fargo

## PROJECTS

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### AI and Big Data Hybrid Tourism Recommendation System

Oct '22 — Dec '22

- Established an AI-based hybrid recommendation system utilizing content-based and collaborative filtering techniques, improving recommendation accuracy.
- Enhanced data handling by enhancing Python and SQL processing capabilities, reducing data retrieval time by 40%.
- Integrated machine learning algorithms, achieving an increase in user engagement through personalized travel recommendations.
- Conducted data analysis and feature engineering, contributing to a 20% improvement in the overall system performance and response time.

### SPAM Detection Using Machine Learning

Feb '23 — Apr '23

- Engineered and optimized feature extraction techniques, enhancing spam classification efficiency and reducing misclassifications.
- Deployed a real-time spam detection system, enhancing email filtering efficiency by integrating predictive analytics and automated classification.
- Trained and evaluated multiple machine learning models, achieving a precision score in spam detection using NLP-based feature selection.
- Applied hyperparameter tuning and model optimization, reducing processing time by 25% while maintaining high detection accuracy.

## SKILLS

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**Programming Languages:** Python, JavaScript

**Database Technologies:** SQL, MySQL

**Web Development:** HTML, CSS, React.js, Node.js

**Data Analysis Tools:** Pandas, NumPy, Power BI, Advanced Excel

**Tools & Methodologies:** AWS, Scrum, GitHub, Software Development Life Cycle, Agile

**Core Competencies:** Analytical Thinking, Debugging, Optimization