

# BABA VALI SHAIK

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## Professional Summary

Results-driven Software Engineer with 3+ years of experience in Fullstack development, cloud-based applications, and DevOps automation. Proficient in Python, Java, Node.js, and cloud platforms (AWS, GCP). Skilled in database management (PostgreSQL, MongoDB, Snowflake) and Infrastructure-as-Code (Terraform). Passionate about building scalable, secure, and innovative data solutions. Strong problem-solving skills and a proven ability to collaborate with cross-functional teams to deliver high-impact results..

## EDUCATION

### Oklahoma State University

Jan 2023 – Dec 2024

*Master's in computer science, GPA: 3.25/4.0*

*Stillwater, ok*

Coursework: Data structures, Operating system, Extended Reality, IAM, FLAT

### Narasaropeta Engineering College

jun 2019 – may 2022

*Bachelor of Engineering in Computer Science, GPA: 3.7/4.0*

*Narasaraopeta, India*

Coursework: Data structures, Computer Networks, MAD, FLAT, Operating system

## SKILLS

**Tools:** RESTful APIs, Agile, SDLC, Data Warehousing, Infrastructure-as-Code (IaC), UML, Data Structures

**Programming Languages:** C, Java, Python, javascript,

**Database Management Systems:** MongoDB, MySQL Microsoft SQL server Oracle SQL ,Postgresql

**Cloud DevOps:** AWS, OpenShift, Kubernetes, Docker, Terraform

**Automation CI/CD:** Jenkins, GitHub Actions, Nexus, Helm

**Software Development:** Agile, SDLC, TDD

**Risk Management Security:** Secure Coding, Application Security, Vulnerability Management

## EXPERIENCE

### Walmart Global Tech

Jan 2025 – Feb 2025

*Advance Software Developer*

*Remote, USA*

- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections. Created an entity-relationship diagram (ERD) to design a new database for Walmart's pet department, ensuring all requirements were met
- Gained hands-on experience in data munging, optimization, relational database design, and software architecture.

### Oklahoma state university

Jan 2023 – Jan 2025

*Software developer*

*Stillwater, ok*

- Collaborated with cross-functional teams to enhance the campus management system, improving user accessibility and performance by 40%. Developed a real-time monitoring dashboard using React and Node.js, with MongoDB for efficient data storage and retrieval.
- Contributed to the design and implementation of scalable data models and database schemas, ensuring optimal performance and maintainability. Integrated RESTful APIs to streamline data exchange between front-end and back-end systems, enhancing functionality and user experience.

### Tech Mahindra

May 2022 – Nov 2022

*System Engineer*

*Hyd, India*

- Designed and deployed scalable, cloud-based applications using AWS and DevOps methodologies, reducing deployment time by 25%.
- Automated infrastructure deployment using Terraform, improving deployment efficiency and reducing manual errors.
- Developed and maintained comprehensive technical documentation, including system configurations and user manuals. Led cross-functional teams to enhance system compatibility with architecture standards.

## PROJECTS

### Scam Detection Using Machine Learning | *Python, Flask, Scikit-learn*

Dec 2024 – Feb 2025

- Developed a text classification model to detect scam messages using Natural Language Processing (NLP) and Scikit-learn. Built a Flask-based web application to host the model, enabling users to input text and receive scam detection results.
- Deployed the app on GitHub and integrated it with a CI/CD pipeline for automated testing and deployment.

### NFT MARKETPLACE APPLICATION | *javascript, React.js html,css,API,openshift,kafka*

May 2024 – Dec 2022

- Designed and developed an NFT Marketplace front-end using React for a user-friendly and responsive interface
- Integrated Etherscan APIs to fetch transaction history, track ownership changes, and monitor price fluctuations of NFTs. Implemented advanced features such as QR code generation for transaction auth copyright tracking.

## CERTIFICATES

- Google IT support specialist, Vulnerability Management, Cisco Networking.