

Jinay Yashesh Shah

(203) 512-6561 | jshah86@asu.edu | [LinkedIn: jinay24](#)

EDUCATION

Master in Information Technology

Arizona State University, Tempe

Aug 2023 - May 2025

GPA: 4/4

Relevant Coursework - Advanced Analytics for Big Data/AI, Data Visualization & Reporting, NLP

Bachelor of Technology in Computer Engineering

Uka Tarsadiya University, INDIA

July 2018 - May 2021

GPA 3.63/4

Relevant Coursework - Data Structures and Algorithms, Operating System, Object Oriented Programming

SKILLS

Language:	Java, Python, JavaScript, CUDA, C/C++/C#, SQL (Postgres), R, HTML.
Developer Tools:	Git, Android, Google Collab, Visual Studio, PyCharm, IntelliJ, MongoDB, Rest API, Postman, REST API, S3, Lambda, EC2, Tableau.
Libraries:	ReactJS, pandas, NumPy, Matplotlib, PyTorch, TensorFlow, J2EE, Spring Boot, AngularJS, jQuery, Flask, SciPy.
Certificates:	Coursera (AWS), Algorithm Toolbox, AR/VR/ML (Melzo), Machine Learning.

EXPERIENCE

Sr. Software Developer (Data Science)

June 2022 - July 2023

Kivee Softech.

INDIA

- Developed a **secure voice recognition app** for banking transactions using Python. Implemented strong security measures and high-performance algorithms.
- Stored data using **MongoDB** and annotated the dataset to facilitate efficient retrieval.
- Played a crucial role in enhancing user experience by **integrating APIs** for seamless communication between platforms and **optimizing SQL queries**, resulting in a significant **70% reduction in search operations**.

Sr. Software Developer

Feb 2021 - Jan 2022

Kintu Designs Pvt.

INDIA

- Engineered a sophisticated **food recommendation system** based on user data, concurrently developing a seamless front-end using **Django** and **JavaScript** for an optimal user interface.
- Showcased versatile skills by creating **AI chatbots** for diverse functions, acquiring expertise in customer focus, conflict resolution, and effective networking, and for better conversation, added **Voice-to-text**.
- Expertly deployed websites on **DigitalOcean**, optimizing performance and scalability. Implemented automation for streamlined processes, robust monitoring, and shared comprehensive documentation.

MAJOR PROJECTS

SecurePix: Image Encryption and Decryption Tool (Django, Python)

Aug 2023 - Dec 2023

- Developed Secure Pix for robust image data security in Django, implementing the **Advanced Encryption Standard (AES) algorithm**.
- This included **encryption and decryption** of critical image data to ensure confidentiality and integrity.

Cradle to Crayons Risk Prediction (Python, Keras, pandas)

Aug 2022 - July 2023

- Achieved accuracy up to 87% by applying the **Random forests algorithm**.
- Created a web application that smoothly incorporated advanced machine learning models into the backend using the **Streamlit module**.

Image Recognition as a Service (AWS, Python, NodeJS, ReactJS)

Feb 2022 - Aug 2022

- Built an advanced face recognition service using Python, **deployed on Amazon Web Services (AWS) EC2**. Integrated **SQS and S3** strategically for cost-efficient scaling and improved service performance.
- Collaborated with a team of four professionals to implement manual load-balancers using **Node.js and React**. This innovative approach enabled seamless automatic scaling, adapting to dynamic traffic patterns.

Twitter Analysis System (API, NLP, Java, Spring Boot)

Jan 2020 - Dec 2021

- Developed a real-time Twitter **sentiment analysis system** using Twitter **API**, **NLP**, and advanced visualization tools. Demonstrated **JAVA** proficiency for scalability and integrated strong data privacy and security measures.
- Ensured a smooth user experience with a friendly interface during successful implementation, emphasizing a dedication to both technical proficiency and data privacy/security.

Dream House (Web application, Android Studio)

Jan 2019 - Dec 2020

- Led the "Dream House" app development, integrating the EMI tool, user-friendly customization, streamlining home-buying, and enhancing features for an enriched real estate experience.