Ishwar Jadhav

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EDUCATION

Master of Science, Computer Science — Aug 2022-May2024
University of Dayton, Dayton, OH, USA — **GPA: 3.95/4.0**
Graduate Teaching Assistant - Creative Media Applications. 120+ student

Bachelor of Engineering, Computer Engineering — Jun 2018-Aug 2021
University of Mumbai, Mumbai, MH, India

SKILLS

Languages:	Python, Java, JavaScript, HTML, CSS, SQL
Databases:	MongoDB, NoSQL, PostgreSQL, MySQL
Frameworks:	React.js, Redux, Angular, TypeScript, Express.js, Next.js, Node.js, Tailwind, Bootstrap
Cloud & Tools:	AWS, Azure, Git, GitLab, Docker, Kubernetes, Ansible, Terraform, Apache Kafka
Technologies:	Data Structures and Algorithms, Agile, SCRUM, SDLC, CI/CD Pipelines, Linux

EXPERIENCE

Data Scientist — Feb 2022-July 2022
AI-NXT Tech — Mumbai, India

- Led the **"Passport OCR"** project, enhancing online passport verification **efficiency by 40%** using **Python** OOP and advanced **Machine Learning** libraries, **reducing errors by 25%**.
- Integrated Google Cloud Vision **API**, improving tool **accuracy by 30%** and bolstering user trust.
- Executed system enhancements to deliver a smoother user experience, increasing **satisfaction by 20%**.
- Expanded my machine learning and cloud development expertise, utilizing technologies like **JSON**, Google Cloud Vision, **AWS**, and **Postman** API.

Software Developer — Feb 2020-Jan 2022
Tecnetic Global Services — Pune, India

- Developed a React application for student learning, hosted on **AWS S3** with **IAM** for login and **MongoDB** for data storage; used **AWS Lambda** for updates to improve efficiency.
- Led the migration of legacy systems to modern web technologies, improving performance; collaborated with a cross-functional team to integrate features and ensure timely delivery.
- Built dashboards using **Python**, **SQL**, and **Tableau**, boosting productivity by **15%**; performed SQL data manipulation to clean and preprocess data.
- Developed a text-to-SQL feature using Meta's llama-2 and Snowpark, deployed on Snowflake; implemented a notification mechanism, reducing model delays by **30%**.

Java Developer — Jul 2019-Dec 2019
Trivia Software — Mumbai, India

- Developed the "Student Management System" using advanced **Java SE 14**, implementing Swings for **GUI** and **Hibernate** Framework for Oracle Database ORM.
- Established seamless database connectivity, enabling efficient **CRUD** operations with proper validation, reducing data entry errors by **40%**.
- Enhanced product quality through thorough testing and debugging, ensuring robust and reliable software performance.

PROJECTS

Netflix Clone GitHub

- Developed a responsive Netflix clone using **HTML** and **CSS**, mirroring the design and functionality of the Netflix India website. Key features include:
- Navigation Bar: Created Netflix logo using **SVG**, language selection, and sign-in button.
- Hero Section: Promotional area with call-to-action for new memberships.
- Feature Sections: Highlights multi-device compatibility, offline downloads, and kid-friendly profiles.
- FAQ Section: Interactive section addressing common user queries.
- Footer: Comprehensive footer with essential links and contact information.

Password Manager (MERN Stack) GitHub

- Developed a secure Node.js application using **Express.js** and **MongoDB** to manage user passwords.
- Implemented **CRUD** operations (Create, Read, Update, Delete), robust error handling, and request log.
- Utilized **Node.js**, Express.js, MongoDB, **dotenv** for environment variables, body-parser for **JSON** parsing, and async-hooks for asynchronous operations. Used HTML, CSS, **Tailwind** and **ReactJS** for front-end.

Facial Expression Analysis for User Authentication GitHub

- Developed Secure Authentication System: Created a facial gesture recognition tool for user authentication using **Python**.
- Technologies Used: Leveraged Mediapipe Holistic, **TensorFlow**, Keras, and **OpenCV** to enhance accuracy with **CNNs**.
- Innovative Approach: Implemented advanced machine learning techniques for sophisticated security.
- Recognition: Presented at the **Stander Symposium**, showcasing technical skills and contributions to biometric security.