

Sonu Vishwakarma

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Education

Bachelor of Engineering (B.E.) in Artificial Intelligence and Data Science 2020 – 2024
Dr. D. Y. Patil Institute of Technology, Pimpri CGPA: 9.76
Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, Machine Learning, Deep Learning.

Technical Skills

Programming Languages: C/C++ (Proficient), Java, Python, JavaScript
Full Stack Development: MERN Stack (MongoDB, Express, React, Node), Next.js, Tailwind CSS
Databases: MySQL, MongoDB
Developer Tools: Git, Docker, VS Code
Automation: UiPath, Automation Anywhere, Mulesoft, Python
Data Science: Pandas, NumPy, Matplotlib, Deep Learning (TensorFlow, PyTorch)

Professional Experience

Enterprise Automation Developer Feb 2024 - Present
Xalta

- Developed and maintained Xalta's product websites using the MERN stack.
- Enhanced Xalta's Bot Monitoring Solution by integrating dynamic Teams and Slack notifications, improving real-time monitoring.
- Implemented various monitoring cases (e.g., stuck queues, deployment failures, run failures) to streamline bot status checks.
- Utilized tools like A360 Automation Anywhere, UiPath, Python, and Mulesoft for automation and system integration.

Full Stack Developer Intern Jan 2023 - Feb 2023
Ranjana Enterprises

- Developed an e-commerce website using ReactJS, NextJS, ExpressJS, GoLang, Tailwind CSS, and MongoDB.
- Implemented an image converter API to automate image size reduction and storage, reducing admin workload by 75%.
- Created an order tracking system for admins and users, enhancing user experience.
- Developed a review and rating page with automatic email notifications for product ratings.

Projects

Codexa AI - Full Stack Developer Application GitHub
Vite, Tailwind CSS, Gemini AI, React, Node.js

- Developed Codexa AI, a full-stack developer application that generates a complete React app based on user prompts.
- Integrated AI-driven scaffolding to automate React component generation, enhancing development efficiency.

Gavathilang – Marathi Toy Programming Language Live — GitHub
Next.js, JavaScript, Tailwind CSS, Python, Flask

- Created a culturally inclusive programming language with Marathi-like syntax.
- Developed a hybrid language supporting both Gavathilang and Python syntax.

Image Caption Generator

GitHub

Python, TensorFlow, Keras, Deep Learning

- Engineered an Image Caption Generator for visually impaired individuals with IoT and speaker integration.
- Utilized an LSTM + CNN hybrid model, achieving a 0.54 BLEU-1 score.

Honors and Awards

- Qualified for the **National Level Solving for India Hackathon 2023** by GeeksForGeeks and Google Cloud.
- Solved 200+ DSA problems on Leetcode, Hackerrank, and Coding Ninjas.
- Institute Topper with 99% score in Statistics.

Co-Curricular Activities

- Organized workshops on IoT, Python, and Web Development under the DSAII club at DIT.
- Active Tech Team Member of the DSAII Club.

Hobbies

- Drawing, Origami Art, Creating content for YouTube.