Sonu Vishwakarma

✉ sonu.s.v.771984@gmail.com | 📱 +91 7719845226 | 🌐 sonuvishwakarma.netlify.app
🔗 linkedin.com/in/sonusv | ⊙ github.com/SonuSV7719 | ▶ youtube.com/@techtalkwithsonu

EDUCATION

Dr. D. Y. Patil Institute of Technology, Pimpri   2020 – 2024
B.E. in Artificial Intelligence and Data Science   *CGPA: 9.76/10*
Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, Machine Learning, Deep Learning

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Xalta Technologies, Enterprise Automation Developer   Feb 2024 – Present

- Designed and developed an internal Bot Monitoring Solution (BMS) with Teams/Slack/Email notifications, detailed reporting, and support for 12+ bot statuses, improving monitoring reliability across thousands of bots.
- Built reusable automation components and optimized workflows (PDF extraction, Excel processing, validation apps), reducing execution time from hours to seconds.
- Delivered automation projects for offer management, remittance, and invoice processing workflows, ensuring smooth delivery and high accuracy.
- Mentored and trained new batches of developers, conducting sessions on Python, UiPath, and databases, and providing continuous guidance and team support.
- **Tools & Technologies:** Python, C#, JavaScript, Typescript, ReactJS, Node.js, UiPath, Automation Anywhere (A360), Java, Agentic AI

Ranjana Enterprises, Full Stack Developer Intern   Jan 2023 – Feb 2023

- Built an end-to-end e-commerce platform with product catalog, order tracking, and review/rating modules, improving customer experience.
- Designed and deployed an image converter API to automate image size reduction and storage, reducing manual effort by 75%.
- Implemented real-time notifications and automated email alerts, enhancing engagement and admin efficiency.
- **Tools & Technologies:** ReactJS, Next.js, ExpressJS, GoLang, Tailwind CSS, MongoDB, Google Cloud Platform

PROJECTS

- **Codexa AI:** Full-stack developer application that generates a complete React app based on user prompts. Integrated AI-driven scaffolding for React component generation.
  Tools & Technologies: React, Node.js, Typescript, Tailwind CSS, Agentic Flows, Gemini AI

- **Gavathilang – Marathi Toy Programming Language:** Created a culturally inclusive programming language with Marathi-like syntax. Built a hybrid supporting both Gavathilang and Python syntax.
  Tools & Technologies: Next.js, JavaScript, Tailwind, Python, Flask

- **BioClassify – Fingerprint Classification App (Client: ICMR):** Developed a React Native mobile app to classify fingerprints into five categories (Left Loop, Right Loop, Whorl, Plain Arch, Tented Arch) using transfer learning with ResNet-InceptionNetV3.
  - Achieved high accuracy with limited training data through transfer learning.
  - Built a user-friendly mobile interface for seamless interaction.
  - Implemented a Flask API for model deployment and integration with the app.
  - **Tools & Technologies:** React Native, Typescript, Python, Flask, Tensorflow, Transfer Learning

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.

LEADERSHIP & MENTORSHIP

- **Trainer and Mentor at Xalta:** Mentored and trained new batches of developers in automation tools, coding practices, and full-stack development.
- Organized workshops on IoT, Python, and Web Development under the DSAII Club at DIT.
- Active Tech Team Member of the DSAII Club.

HOBBIES

- Drawing, Creating content for YouTube