

Shivang Vora

(+49) 15510820467 | 24118 Kiel, Germany

shivang.k.vora@student.fh-kiel.de | shivangvora.vercel.app | linkedin.com/in/shivang-vora-1206

EXPERIENCE

Opencampus Course: Python Beginner to Practitioner

04/2025 – Present

Student Advisor

Kiel, Germany

- Guiding and supporting over 35 beginners and students in their Python learning journey.
- Resolving doubts in order to build intuition and helping participants with personal project implementations.
- Planning and structuring course material and conducting quiz sessions for evaluation revision.
- Delivering live coding demonstrations and walkthroughs with detailed explanations.

Krishadave.com

03/2024 – Present

Freelance Full Stack Developer

Remote

- Created an engaging portfolio website utilizing React with smooth Audio Visual background using React, Typescript and implemented responsive UI design using Tailwind CSS.
- Ensured cost-effective deployment and maintenance through Vercel and GitHub with CI/CD for efficient and quick iterations.
- Deployed with a custom domain name from Namecheap.com.

Securitamag.online

01/2025 – 02/2025

Freelance Full Stack Developer

Remote

- Engineered and launched a web radio project via Vercel, optimizing cost and performance using Typescript, React, and responsive design with Tailwind CSS.
- Audio adaptive Sine Waverform generation using Web Audio API.
- Built with React, managed with private GitHub for a streamlined CI/CD flow.

General Aeronautics Pvt. Ltd.

02/2023 – 08/2023

Android Developer

Bangalore, India

- Developed and maintained Android applications: GA Pilot App and GA Technician App.
- Engineered GA - Pilot for Drone Pilots, optimizing API calls using RxJava observables.
- Added push notifications utilizing OneSignal and Firebase Cloud Messaging.
- Implemented crucial bug fixes enhancing app stability and user experience.
- Led the development of GA Technician app from inception, supporting drone repairs and maintenance.
- Created secure OTP-based login authentication for user access.
- Integrated APIs with Retrofit for real-time data display and processing.
- Designed UI with RecyclerViews and bottom sheet fragments for smooth navigation.
- Optimized project delivery with Agile methodologies, enhancing cross-functional collaboration.
- Conducted thorough code reviews to elevate application robustness and efficiency.

CodeQuotient Pvt. Ltd.

08/2022 – 12/2022

Full Stack Developer Intern

Mohali, India

- Developed 5+ full-stack applications using Node.js, Express.js, MongoDB, and React, applying agile practices and version control tools.
- Built a fully functional E-commerce web app with admin/customer roles, product inventory management, cart functionality, and email verification using Mailjet.
- Designed and deployed Pomodoro Clock and Alder Alarm, enhancing user engagement with real-time features via Socket.io and interactive UI components.
- Created NoxLog, a dark-themed journaling app allowing secure, persistent diary entries with MongoDB storage and an intuitive UI.

R3 SYS Pvt. Ltd.

02/2022 – 04/2022

Java Developer Intern

Shirpur, India

- Built and worked on 7 Java based projects, integrating advanced frameworks like Spring.
- Developed the applications using Core Java, Advanced Java and Spring Framework using MySQL as database.
- Implemented a KNN machine learning based OCEAN personality profile classifier to identify people with similar and compatible personalities.

PROJECTS

- Legal AI Assistant** | *Ollama, LangChain, Llama-Index, RAG, Streamlit* | GitHub 05/2025
- Designed and implemented an AI legal assistant leveraging Gemma 3B as the base LLM with a RAG pipeline to deliver constitutionally grounded legal advice.
 - Built a semantic search system by vectorizing articles from the Constitution of India using sentence-transformers/all-MiniLM-L6-v2 and storing them via LlamaIndex.
 - Integrated document retrieval and generation workflows to align legal queries with relevant constitutional context, enhancing LLM interpretability and output fidelity.
 - Deployed a Streamlit-based chatbot frontend for real-time interaction, enabling seamless user access to AI-driven legal insights.
- MedicAI** | *Python, Typescript, React, Redux, Flask-SocketIO, TensorFlow, Scikit-learn* | GitHub 02/2025
- Engineered a real-time patient monitoring dashboard leveraging WebSockets for instant data updates.
 - Integrated TensorFlow models providing predictive analytics on patient conditions.
 - Coordinated with interdisciplinary teams to fuse React frontend with Flask backend.
- Uni-Assistant CLI & Android Application** | *Python, Android SDK, SQL* | GitHub 03/2024
- This is a simple tool to help students keep track of university applications currently available.
 - It is utilizing the uni-assist APIs to fetch the data and display it in a user-friendly manner.
 - Built an Android application providing the same uni-assistant functionality with SQL Lite database to make querying faster and the information more accessible.
 - Implemented multi-user profiling so that multiple preference profiles can be created and used in the same application.
- Repartee Realtime Chat** | *MongoDB, Express, Node, React, Javascript* | GitHub 02/2023
- For users who prefer to conduct discussions in their private spaces, there is an application called Repartee.
 - With a dependable socket.io connection, users may send and receive messages one-to-one or in rooms containing multiple users.
 - All of their crucial chats are securely kept on a MongoDB database at the backend with NodeJS APIs.
 - Indexing implemented MongoDB database to assure minimum latency message retrieval.

EDUCATION

- Master of Science in Computer Science** Kiel, Germany
Fachhochschule Kiel (Kiel University of Applied Sciences) Sept. 2024 – Present
- Bachelor of Technology in Computer Engineering** Shirpur, India
R. C. Patel Institute of Technology - 8.72 CGPA May 2019 – May 2023
- Club President - Akatsuki Coding Club
 - Team Lead - Winning team, Smart India Hackathon 2022

CERTIFICATIONS

- Data Science for Engineers** | *IIT Madras* | Certificate Link
- AWS Educate Cloud Computing** | *Amazon Web Services* | Certificate Link
- Data Science Foundations** | *IBM* | Certificate Link
- Automating The Boring Stuff with Python** | *Udemy* | Certificate Link

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML/CSS, SQL, Tailwind CSS
Frameworks: React, Redux, Flask, ExpressJS, NodeJS, Tailwind CSS
Developer Tools: Git, Docker, Firebase Cloud Messaging, AWS, Kubernetes, GKE, Postman, Vercel, Android Studio
Databases: MongoDB, MySQL

LANGUAGES

English: IELTS 8.0/9.0 Bands – Reading: 9.0/9.0, Listening: 8.5/9.0, Speaking: 8.0/9.0, Writing: 7.0/9.0
German: A1 91/100 – Reading: 23.24/25., Listening: 23.24/25, Writing: 24.9/25, Speaking: 19.92/25