

ISHAN JAISWAL

+919827760649 || ishanjaiswal047@gmail.com || Chat IJ GPT || LinkedIn || Github || Leetcode || Credly

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal

2021 - 2023

- Master of Computer Applications (MCA) || **8.5** CGPA

Devi Ahilya Vishwavidyalaya (DAVV), Indore

2018 - 2021

- Bachelor of Computer Application (BCA) || **7.0** CGPA

SKILLS

Expertise: C++, DSA (Data Structures and Algorithms), Web and Mobile Application Development, MERN Stack, Flutter

Experience: Python, Java, Go, GitLab, CI/CD, Linux, AWS, Azure, Docker, Kubernetes, SQL, NoSQL, AI, System Design

EXPERIENCES

Full Stack Engineer, Intern@Trinaabh Infotech Pvt. Ltd.

Janury'23 - January'24

- Developed and launched **50+** Web and Android apps for portfolios, businesses, and education, implementing Agile methodologies to ensure responsive designs, providing users with an enhanced and seamless experience.
- **Led** the redesign of **Newsadda.in**, the company's news platform covering national, international, sports, religious, entertainment and other news categories, and Incorporated Turn JS (jQuery plug-in) for E-Magzienes and E-Newspapper resulting in a **70%** boost in user engagement through improved interface and functionality.
- Supervised key AWS services such as EC2, Beanstalk, S3, and RDS to facilitate **Web hosting**, while overseeing Google Developer Console accounts for **Android app hosting**.
- Established a streamlined CI/CD Pipeline using GitLab, resulting in a **30%** reduction in deployment time, ensuring seamless integration, automated testing, and timely project delivery.

Tech Stack: HTML, CSS, JavaScript, PHP, MySQL, Java, Android SDK, Flutter, GitLab, and AWS

Technology Consultant, Virtual Intern@Deloitte

November'21 - April'22

- Conducted client discovery and designed business cases, demonstrating strong **analytical skills**.
- Defined project approaches, conducted market scans, and presented solutions to address client challenges.
- Delved into cloud computing concepts, performing **feasibility and readiness assessments** for cloud adoption.

Tech Stack: AWS, Azure, GCP, OCI and other cloud providers and services

PROJECTS

WebSurfer (Web Browser, Indian Government Hackathon) C++, QtCreator, MSVC, CMake

July'24 - Present

- Developed a web browser named WebSurfer under MeitY's Atmnrirbhar Bharat Hackathon, leveraging Qt Creator to build a robust desktop application. Utilised QWebEngine, a **Chromium-based** widget, to render web pages efficiently, **expected to enhance user experience by 80%**.
- Designed the user interface using Qt Design Studio, incorporating essential functionalities such as navigation, address bar, text-to-speech for reading web pages aloud, bookmarks for saving pages, and browsing history.
- Implemented **secure HTTPS** connections using the OpenSSL library, ensuring data security and privacy. Compiled the application with MSVC and managed the build process with **CMake for optimal performance**.
- Added features like PDF reading capabilities, similar to other modern browsers for user satisfaction.

Recruitment Management System (Business Centric) MERN Stack

July'24

- Built a Recruitment Management System with MERN stack, allowing recruiters to create candidate profiles, send login credentials via email, and manage application statuses with automated email notifications.
- Provided candidates with the ability to log in, track their application status, and customise their profiles, ensuring **clear communication throughout the recruitment process**.
- Developed a recruiter dashboard for **tracking, sorting, and filtering** candidates, with options to update or delete candidate profiles as needed.

FairPrice (Wholesale Marketplace, B2B/B2C) MERN Stack, NextJS, ReCharts, Docker, AWS

April'24 - June'24

- Developed a wholesale marketplace using the MERN stack and Next.js with server-side rendering (**SSR**) for enhanced SEO and product search **resulting in a 30% increase in sales**.
- Dockerized the app, converted it to a microservice architecture, and deployed it on Elastic Container Service (ECS) ensuring the **highest scalability and availability**.
- Implemented user authentication (including OAuth via Google), profile management, order tracking via WhatsApp, a shopping cart with Redux, and Lazy Loading for optimal performance.
- Enabled sellers to manage products and view sales analytics through a **dashboard with Chart.js**, and provided an admin dashboard for overall platform management.
- Added features like email verification with Nodemailer and crypto, product search and filtering, dark/light mode, Loading Skeleton, and multi-language support ensuring an **80% increase in customer satisfaction**.

Workflow Management Portal (Business Centric) MERN Stack, ReactFlow, PapaParse		March'24
<ul style="list-style-type: none"> Developed a Workflow Management Portal where users can create flowcharts of workflows and save them on their system or database, ensuring 50% more user satisfaction and friendliness. Utilised ReactFlow to build node-based editors and interactive diagrams, enhance the user experience, and PapaParse to generate CSV files, which can later be reuploaded to continue workflow creation. Implemented functionality for users to save their workflows in MongoDB, receiving a unique ID for each document, allowing them to load back their progress and continue creating workflows seamlessly. 		
Chat Application (Business Centric) Flutter, Dart Frog, Supabase		February'24 - March'24
<ul style="list-style-type: none"> Built a real-time chat application using Flutter for a cross-platform mobile experience and leveraged Dart Frog (backend-as-a-service) for efficient server-side operations. Developed secure mobile SignUp/SignIn using Mobile No. and Password and customizable user profiles with Profile pictures (DP), status updates and easy updation between online/offline/busy. Implemented WebSockets for seamless chat, message and typing indication, RESTful APIs for user profiling tasks, and Supabase data bucket for image sharing, leading to a 25% boost in application performance. 		
Hybrid AI Chatbot (Business Centric) Python, Flask, OpenAI GPT, Langchain, NLP		January'24
<ul style="list-style-type: none"> Created a conversational Hybrid AI chatbot using OpenAI's GPT-3.5 model for natural language processing and hosted on PythonAnywhere.com for quick and seamless accessibility. Leveraged Langchain libraries to enhance the user experience by Personalising responses and predefined Context files and tailoring them to specific queries, ensuring a 50% more engaging interaction. Applied Flask micro web framework for a lightweight user-friendly web interface, allowing seamless interaction with the chatbot. 		
Buliwear (Brand Centric E-Commerce Platform, B2C) MERN Stack, Flutter, ReCharts		November'22 - January '23
<ul style="list-style-type: none"> Orchestrated the digital transformation of a Baby Products retailer, revolutionising their online platform with advanced product management, customised user dashboards, and secure JWT-based authentication. Utilised REST APIs, ReCharts, and Loading Skeleton to ensure a contemporary and user-friendly experience. Introduced version controlling using GIT and Deployed web application on Cyclic.sh, managed assets via Cloudinary, and launched the Android application on Google PlayStore resulting 25% increase in sales. 		
WayGrow (Remote Employment Portal) HTML CSS JavaScript PHP MySQL		March'21 - May'21
<ul style="list-style-type: none"> Developed a job portal exclusively focusing on remote opportunities, covering jobs, freelancing, and internships. Presented individual dashboards for candidates and HR to conveniently access and manage application details with the Admin panel for opportunity approval, ensuring platform reputation and user safety. Implemented a cost-effective model, estimating a 20% rise in HR participation by allowing payment only for candidate contact details while other features remain free for everyone, ensuring equal access. 		
CERTIFICATIONS		
• Microsoft Certified Azure Administrator Associate (AZ-104)		July'23
• Microsoft Certified Security Compliance Fundamentals (SC-900)		January'22
• Microsoft Certified Azure Fundamentals (AZ-900)		October'21
• IBM Cyber Security Analyst (Coursera)		June'21
• ICSI Certified Network Security Specialist (CNSS)		May'20
ACTIVITIES		
• Generated 500,000+ content views on Quora by curating informative and engaging content.		2021 - Present
• Freelance Web and Mobile Application Developer, Social Media Manager, Graphic Designer		2020 - Present
• Led Design team for Graphic design. boosting engagement by 75% at SVIM, Indore.		2019 - 2022
• Successfully participated in the Indian Army Cyber Security Hackathon , Sainya-Ranakshetram		2021
• Conduct a 2-day online masterclass on Game development using Unreal Engine 4 at SVIM		2020