Yashaswee Kesharwani

📞 (638) 740 - 8210   ✉ career.yashaswee@gmail.com   in linkedin.com/in/yashaswee
🐙 github.com/career-yashaswee   </> leetcode.com/u/dev-yashaswee   🌐 yashaswee.online

Education

Lovely Professional University	Aug 2022 - Jul 2026
Bachelors of Technology in Computer Science and Engineering	*Phagwara, Punjab*
Saint John's Academy	Aug 2021
I.S.C, Intermediate, Non-Medical with Computer Science : 92%	*Prayagraj, Uttar Pradesh*
Saint John's Academy	Aug 2019
I.C.S.E, Matriculation : 85%	*Prayagraj, Uttar Pradesh*

Experience

Final Take — Jan 2023 – Present
Founder, Data First Marketing Firm — *Punjab, India*
- **Boosted MRR** for Startups and Content Creators leading to **+20%** increase in **Brand Value** through data.
- **Deploying Data Driven Ad-Optimisation Strategies** to Facebook & Google Ads., growing client sales by **20% y-o-y**.
- Served a diverse **International** clientele, generating revenue exceeding **INR 300K+** over the span of an year.

Projects

Intervue | *MongoDB, React.js, Express.js, Node.js, TypeScript, Google Gemini* | Code — Jun 2024 - Present
- **Developed** a full-stack **SaaS** based **AI Video Interview Platform** using **M.E.R.N Stack**, integrating **Zod** for precise schema validation and **shadCN** library with **Tailwind CSS** integrated with **ExpressJS RESTful APIs** and **Mongo**DB.
- **Implemented JWT** session tokens and cookies for secure user authentication and session management. **Optimized** database queries using **MongoDB Aggregation Pipeline**, integrating **Stripe** Payment API as a Payment Gateway.

Training Mario RL Agent | *Python, NumPy, Matplotlib, Pytorch, OpenCV* | Jupyter Notebook — May 2024 - Jun 2024
- **Trained** an AI-powered **Mario Agent** using **Double Deep Q-Networks (DDQNs)** for advanced reinforcement learning, achieving a **20% improvement** in game-playing performance.
- **Utilized Experience Replay Buffer** and **Fixed Q-Targets** to stabilize training, ensuring consistent learning outcomes and improved agent performance.
- **Integrated OpenCV** for **Real-Time Image processing**, enabling the agent to better interpret the game environment and make strategic decisions with a **25% increase** in accuracy.

Time Series Forecasting | *NumPy, Pandas, Matplotlib, Seaborn* | Jupyter Notebook — Feb 2024 - Apr 2024
- **Conducted** an in-depth time series forecasting for stocks using stacked **LSTM** models, successfully predicted the opening price using **APPLE** stock data with less than **5% Mean Absolute Percent Error**. **Utilized Feature Engineering** techniques, including **Lag Features** and **Rolling Statistics**, to enhance model accuracy.

Bolchaal | *Flutter, Firebase, FireStore, RiverPod* | Code — Nov 2023 - Jan 2024
- **Built** a **Duolingo** for children with Speech Disorders to make **AI based Personalised** therapist led expensive therapy accessible. **Implemented** efficient **State Management** using **Provider** and **Riverpod**, **Cloud Functions** for serverless backend logic, **Firestore** for **Real-Time** database operations. Contesting for **Indian Science Congress '24**

Technical Skills

Languages : C, C++, Python, Java, Dart, SQL, JavaScript, Matlab, R, REST, HTML5, CSS3
Technologies/Skills : GIT, NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, Pytorch, OpenCV, ReactJS, ExpressJS, NextJS, Flutter, Tailwind, TypeScript, Firebase, FireStore, Google OAuth, GPT3, Bootstrap5, Linux, Riverpod, Stripe API, Gemini API
Relevant Course Work : Design and Analysis of Algorithms, Operating Systems, Networking, Generative Artificial Intelligence, Computer Architecture, Software Engineering, SDLC, DS, DBMS, Computer Organisation and Design, Predictive Analytics
Development Tools : Github, XCode, Android Studio, Postman, Jupyter, Firebase, Tableau, RStudio, GCP, PyCharm, Figma

Achievements

- 🏆 Published **Research Paper** on **A Motor Speech Correction System for Specially Abled Indian ESL Children**.
- 🏆 Ranked **First** in **Gateway to Smart India Hackathon 2.0** directly qualifying for Smart India Hackathon.
- 🏆 Captained and Bagged **1st Position** in C.S.E Section of the Year in **110+ Active Sections** across the Campus.
- 🏆 Amongst **Top 5** in Inter-University Short Film Documentary Making across 100+ Accepted Films at **IIT Kharagpur**.
- 🏆 Granted **40% Study Scholarship** for Undergraduation scoring **99%ile** based on **LPUNEST**.

Social Engagements / Extracurriculars / Leadership

Position of Responsibility: Head of Divisions to Student Organisation, Wissen, spearheading 105+ membered team conducting 5+ Mega events catering the academic and technical interests of 30K+ Students on the campus
Community: Volunteered to assist and care 25+ childrens with **cognitive impairment**, organising fundraising worth INR 35K+.
Social: Hosted Freshmen Induction Carnival to **7K+** C.S.E Freshmen for the academic year **2023**