

# Vivek Shukla

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**Summary** — Tech-creative **Flutter and Full Stack Developer** with a strong focus on **digital experience design, AI integration, and scalable systems**. Adept at turning ideas into interactive, user-centered products through clean code, visual design, and modern technologies. Skilled in **Dart, JavaScript, Firebase, and UI/UX principles**.

## Skills

**Languages** Java, Dart, JavaScript, Python, C++  
**Frameworks** Flutter, Node.js, React.js, Express.js, Firebase  
**Tools** Git, Figma, VS Code, Retrofit, GetIt, Hive, Mockito

**Core Areas** App Development, UI/UX Design, API Integration, Generative AI, Cloud Deployment, Agile, Testing

## Experience

- Freelance Developer | Remote** 2023 – Present
- Delivered 15+ full-stack web and mobile projects for clients in education, design, and AI sectors.
  - Developed Flutter-based mobile applications integrating REST APIs and Firebase services.
  - Collaborated on product design, conducting UI/UX improvements aligned with brand aesthetics.
  - Deployed production-ready apps using CI/CD pipelines and ensured performance optimization.

## Projects

- Study Companion App (Emotion-Based)** 2025
- Built an AI-driven **Flutter mobile app** analyzing voice and facial emotion cues to provide personalized study or relaxation recommendations.
  - Integrated Firebase Authentication, Realtime Database, and ML-based emotion detection APIs.
  - Designed an intuitive, gamified interface for engagement and motivation tracking.
- Edify Learn Mindmap Generator** 2023-2025
- Engineered a generative learning web app using **React.js, Firebase, and OpenAI APIs**.
  - Enabled users to generate interactive mindmaps from topics, track learning paths, and visualize AI summaries.
  - Built authentication, progress dashboards, and dynamic data rendering components.
- Personal Portfolio Website** 2024
- Designed and deployed a modern, responsive personal portfolio using **Flutter Web**.
  - Featured motion effects, project showcases, and GitHub-based CI deployment for live updates.
- Diagnose.AI – Automated Health Screening Web App** 2025
- Developed Diagnose.AI, a web application for automated health-screening using AI, built with React.js, Node.js, and deployed on the web via Vercel/AWS.
  - Integrated user authentication, real-time image/video input pipelines, and predictive models to analyse visual symptoms and provide actionable insights.
  - Designed an intuitive UI/UX for non-technical users, and implemented CI/CD workflows for rapid iteration and deployment.

## Education

- GL Bajaj Group of Institutions, Mathura** 2021 – 2025
- B.Tech in Computer Science and Engineering (AIML)

## Achievements

- Finalist – Solana HackDay (IIIT Delhi)
- Top Rank – iNeuron Hackathon (NIU)
- Member – Google Developer Student Club (GDSC)
- Campus Winner – Accenture Digital Innovators Challenge (2024)

## Certifications

- Google Cloud: Vertex AI, Generative AI, and Responsible AI
- Flutter Development Bootcamp – AppBrewery
- UI/UX Design Essentials – Coursera (Google)
- HackerRank: Python (Basic), Problem Solving (Basic)