

SURAJ YADAV

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Portfolio

Education

Chandigarh Engineering College

Punjab, India

Bachelor of Technology in Computer Science – CGPA: 8.52/10.0

2021 – 2025

- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Database Management Systems, Operating Systems, Computer Networks, Mobile Application Development

Technical Skills

Programming Languages: Python, JavaScript, QML, Dart, Java, C, C++, SQL, HTML, CSS

Frameworks and Libraries: Flutter, Ubuntu Touch, Android, React, Node.js, Express.js, Firebase, Material-UI, GetX

Databases: MongoDB, MySQL, SQLite, Firebase Firestore, Hive, Odoo

Developer Tools: Git, GitHub, Docker, VS Code, Android Studio, IntelliJ IDEA, Linux, Ubuntu, Postman, RESTful APIs, WordPress

Methodologies: Agile Development, Scrum, Test-Driven Development, CI/CD, Code Review, Open Source Development

Professional Experience

Junior Software Engineer

March 2025 – Present

CALIN Global Services India PVT LTD

Kerala, India

- Developed mobile applications for Ubuntu Touch platform using QML, Python, and JavaScript to create cross-platform software solutions for enterprise clients
- Built Time Management application with Odoo backend integration by implementing RESTful APIs and database synchronization to enable timesheet tracking, task management, and project updates across multiple server instances
- Created Ubuntu Touch Development Course curriculum by designing training modules and documentation to train development teams on QML application development and best practices
- Implemented user authentication systems using OAuth and JWT tokens by developing secure login workflows to protect user data and maintain session management
- Collaborated with cross-functional teams using Agile methodologies by participating in daily standups and sprint planning to deliver software features on schedule

App Developer Intern

April 2024 – August 2024

NotAtMrp

Remote

- Developed user interfaces for retail and consumer applications using Flutter and Dart by implementing responsive design patterns to create mobile experiences for e-commerce platform
- Increased user engagement by 35 percent and reduced bounce rate by 25 percent by optimizing frontend performance and implementing GetX state management to improve application responsiveness
- Improved app speed by 30 percent and reduced server response time by 20 percent by conducting performance profiling and eliminating backend bottlenecks to enhance user experience
- Reduced user waiting time by 70 percent by implementing GetX state management library and optimizing data flow to improve code efficiency and application performance
- Participated in code reviews by following coding standards and best practices to maintain high-quality codebase throughout development lifecycle

Projects

Reddit Client for Ubuntu Touch | QML, Python, JavaScript, Reddit API | GitHub

August 2025 – Present

- Developed native Reddit client application for Ubuntu Touch by integrating Reddit API and implementing QML interfaces to provide mobile-first user experience with post browsing and comment threading
- Implemented touch-optimized UI/UX design by creating gesture controls and smooth navigation to enhance user experience on mobile devices
- Built features including user authentication, subreddit management, post voting, and media viewing by using Python backend and QML frontend to create comprehensive Reddit browsing experience

Vyakhya AI | Flutter, Google ML Kit, Python, Firebase | Live Demo

January 2024 – April 2024

- Developed image-to-text translation application using Google ML Kit and Flutter by implementing OCR technology to process 1000 images per hour with 98 percent accuracy
- Implemented real-time language translation across 500+ languages by integrating machine learning algorithms and translation APIs to enable multilingual text conversion
- Contributed 10+ Pull Requests by implementing batch processing, multi-language support, and cloud synchronization features to enhance application functionality
- Designed user-friendly interface by creating seamless image selection, text extraction, and translation workflow to improve user experience

AI Assistant | Flutter, GPT API, Hive, Git | GitHub

November 2023 – January 2024

- Created AI-powered chatbot application using Flutter and ChatGPT API by integrating natural language processing to provide intelligent conversational interactions and text-to-image generation
- Decreased query resolution time by 40 percent by optimizing API integration and implementing efficient response handling to improve user experience
- Merged 15+ Pull Requests by adding multi-language support, conversation history, and Hive database storage to enhance application features and data persistence
- Implemented voice input, text formatting, and image generation features by using Flutter plugins and GPT API to create comprehensive AI assistant experience

Wallter - Wallpaper Application | React, Node.js, API Integration | Live Demo

2024

- Developed modern wallpaper application by implementing responsive design and API integration to provide curated collections, search functionality, and high-quality image downloads

Apni Dukan - E-commerce Platform | Flutter, Firebase, Payment Integration | GitHub

2024

- Built complete e-commerce solution for local businesses by implementing inventory management, order processing, and customer management features to streamline business operations

CaptionIt - Social Media Tool | Flutter, AI API, Firebase | GitHub

2023

- Developed AI-powered caption generation tool by integrating machine learning APIs to provide hashtag suggestions and content optimization for social media posts

Nimbus - Weather Application | Flutter, Weather API, Geolocation | GitHub

2023

- Built advanced weather forecasting application by integrating weather APIs and geolocation services to provide detailed meteorological data and location-based forecasts

Certifications

Open Source Best Practices: Calin Global Services Pvt. Ltd. – 2025

Flutter and Dart - The Complete Guide: Udemy – 2023

Web Design and Development: Online Certification – 2022

Achievements and Recognition

Competitive Programming: Solved 1100+ Data Structures and Algorithms problems across LeetCode, HackerRank, and GeeksforGeeks platforms with consistent 650+ day coding streak demonstrating dedication to continuous learning

Open Source Contributions: Contributed to 10+ open source projects with 100+ successful Pull Requests and maintained 150+ day GitHub contribution streak showcasing commitment to collaborative development

Hackathon Success: Achieved Grand Finalist status in Smart India Hackathon and won 2 institute-level hackathons demonstrating innovation and teamwork capabilities

Ubuntu Touch Developer: Certified by Calin Global Services validating expertise in specialized mobile development platform

Technical Leadership: Served as Developer Lead in D4 Community mentoring junior developers and organizing technical workshops to foster collaborative team environments

Leadership and Community Involvement

Developer Lead

D4 Community

Ongoing Remote

- Led team of junior developers in software development projects by providing mentorship, code reviews, and technical guidance to foster collaborative and high-performance team environment
- Organized and facilitated technical workshops and coding bootcamps by designing hands-on sessions for community members to promote knowledge sharing and skill development
- Maintained active engagement in open source communities by promoting best practices and collaborative development approaches to support developer ecosystem

Coding Profiles and Online Presence

GitHub : 150+ day contribution streak, 10+ repositories, 100+ contributions

LeetCode : 1100+ problems solved, consistent daily practice

HackerRank : Multiple certifications in algorithms and data structures

GeeksforGeeks : Active contributor with coding solutions

Portfolio : Comprehensive showcase of projects and achievements