VINAYAK GUPTA

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EXPERIENCE

Medoc Health IT (Remote) | Feb 2023 - Present
Tech Lead

- Led product management for a healthcare application designed to improve access to healthcare services for Indian citizens. Successfully integrated with government healthcare initiatives, contributing to the Digital India Movement.
- Managed a cross-functional team of developers, ensuring timely product delivery and maintaining high quality standards.
- Mentored and developed team members, fostering a collaborative and productive work environment.
- Played a key role in developing a user-friendly healthcare application that streamlined the patient experience and improved overall efficiency.

Appable Technologies (Remote) | Jul 2023 - Jun 2024
Freelance Developer

- Developed a comprehensive social sports platform, enabling users to connect, organize matches, and compete in tournaments. Contributed to fostering a vibrant community of sports enthusiasts.
- Designed and implemented an HRMS application, streamlining HR processes for a firm with 2000-3000 employees. Key features included employee management, time tracking, payroll processing, and performance reviews.
- Collaborated effectively with a remote team to ensure timely project delivery and meet high-quality standards.
- Exceeded expectations by taking ownership of server-side programming, ensuring a robust and secure platform for both the social sports platform and HRMS application.

Medoc Health IT (Remote) | Aug 2022 - Jan 2023
Software Development Intern

- Developed mobile application components using the Flutter framework, contributing to a healthcare application designed to improve patient access and experience.
- Strengthened foundational knowledge in software development principles, including object-oriented programming, design patterns, and mobile app architecture.

SKILLS

- **Mobile App Development** (2+ years): Flutter
- **Server-Side Programming** (1+ years): Node.js, TypeScript
- **Database Management** (1+ years): PostgreSQL, MongoDB
- **Project Management Tools** (1.5+ years): Jira, Confluence, GitHub
- **Version Control** (2.5+ years): Git, GitHub
- **Problem-Solving**: Mathematics, Logical Reasoning
- **Cloud Computing** (1.5+ years): AWS, Plesk Obsidian

PROJECTS

Personal Bahi Khata | *Flutter, Encryption :*   ⊙ GitHub ▶ PlayStore

A user-friendly mobile application for personal expense tracking, designed to help users manage their finances effectively.

Key Features :

- Intuitive interface built with Flutter for a seamless user experience.
- Secure data storage using local storage with encryption to protect sensitive financial information.
- Customizable tagging system for easy organization and categorization of expenses.

Achievements :

- Successfully launched on the Google Play Store, demonstrating practical application of mobile development skills.
- Received positive feedback from users for its ease of use and helpful features.

Healthcare End-User Application with ABHA Integration | *Flutter, Node.js, GitHub, AWS*:
Streamline the healthcare experience for Indian citizens by developing a mobile application that seamlessly integrates with ABHA (Ayushman Bharat Digital Health Mission).

- User-friendly mobile interface developed with Flutter.
- Robust back-end functionalities powered by Node.js.
- Scalable cloud infrastructure provided by AWS.
- Features including appointment booking, medical record management, and tele-medicine consultations.
- Adherence to strict data privacy regulations.

Directory of Integer Sequences |*Python, Mathematics, GitHub*:   GitHub
A Python-based interactive tool that explores the world of integer sequences. It provides a comprehensive directory of sequences with analysis tools for discovery and investigation.

- Curated collection of integer sequences with detailed explanations.
- Tools for data manipulation and visualization using Python.
- Explores real-world applications of integer sequences in computational science.

Target Audience : Students, researchers, and anyone interested in integer sequences.

Complete Accounting & Inventory System in Node.js | *Node.js, Flutter, GitHub*:   GitHub
A comprehensive accounting and inventory management system designed for businesses. This web application (built with Node.js) offers a scalable backend architecture and empowers users with real-time data access.

Key Features :

- Scalable backend architecture with Node.js for smooth performance.
- Real-time data access for informed decision-making.
- Insightful reports generated to analyze financial trends and inventory levels.
- Advanced features beyond basic accounting, including purchase order management and stock control.

EDUCATION

LNCT University, Bhopal M.P.	BTech CSE
Nov 2021 - May 2025	GPA : 7.92/10