Sarath Krishnan P V

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SUMMARY

Code crafter with a foundation in Computer Science and Engineering. Proficient in cross-platform development and dedicated to sculpting seamless software experiences. Fueled by a passion for enhancing user journeys and pioneering tech-driven solutions.

EDUCATION

- **Sreepathy Institute of Management And Technology**   Kerala, India
  Bachelors in Computer Science and Engineering (B.tech); CGPA: 7.2   *Jul. 2019 – Jul. 2023*

- **Brototype Institute**   Bengaluru, India
  Intern as flutter developer;   *Aug. 2023 – Present*

PROGRAMMING SKILLS

- **Languages**: Dart, Java, C

- **Technologies**: Flutter, UI-UX, Bloc, GetX, ProvideR, API s, Application hosting

- **Tools**: Git, Figma, Firebase

- **Architectures**: DDD , MVVM, Bloc Architecture

SOFT SKILLS

- **Adept at conveying ideas and collaborating with diverse teams**
- **Skilled at finding efficient solutions**
- **Able to efficiently organizes tasks to meet deadlines.**
- **Capable of guiding teams towards shared goals**

PROJECTS

- **Patient's Personal Medical History Maintenance Application**   Aster Medcity, Kochi
  Research Intern   *Jul 2022 - Jul 2023*

  - **Design**: Developed UI/UX design for the Knack Learning Platform using Figma, focusing on intuitive navigation and user engagement.
  - **Development**: Utilized Flutter framework for cross-platform development, implementing MVVM architecture and Bloc state management for efficient code organization and data flow.
  - **Integration**: Integrated Firebase for backend services, ensuring secure user authentication, real-time data synchronization, and cloud storage capabilities.
  - **Feature Development**: Implemented chat options within the platform to facilitate communication between learners and instructors, enhancing collaborative learning experiences.
  - **Deployment**: Continuously deploying updates and new features to the Knack Learning Platform, ensuring its availability and scalability to meet growing user demands.

- **Budget Bee : Your Personal Finance App**   Live — Github
  Brototype , Bengaluru   *Nov 2022 - Dec 2022*

  - **Design**: Designed "Budget Bee," a personal finance Android app, covering UI/UX aspects in Figma for intuitive user experience.
  - **Development**: Implemented Flutter for efficient cross-platform development, integrating Hive database for streamlined data management.

- - **Deployment**: Solely orchestrated the project lifecycle, from conceptualization to deployment on the Google Play Store, showcasing strong autonomy and proficiency.
  - **Architecture & Methodology**: Implemented Domain-Driven Architecture (DDA) to ensure the app design aligns with business needs. Used Agile Methodology for flexible development, enabling continuous feedback and faster feature delivery.

- ### Nova Converse: AI Chatbot Development [Demo — Github]
  Brototype, Bengaluru *Jan 2023 - Feb 2023*
  - **Development**: Utilized Google's Gemini AI and Bloc Architecture for efficient chatbot development, ensuring robust functionality across platforms.
  - **Architecture & Methodology**: Implemented Bloc Architecture to manage state and communication in the application, enhancing scalability and maintainability. Utilized Agile Methodology for iterative development, enabling rapid iterations and continuous improvement.

- ### Knack Learning Platform [Github]
  Brototype, Bengaluru *Apr 2024 - Present*
  - **Design**: Developed UI/UX design for the Knack Learning Platform using Figma, focusing on intuitive navigation and user engagement.
  - **Development**: Utilized Flutter framework for cross-platform development, implementing MVVM architecture and Bloc state management for efficient code organization and data flow.
  - **Integration**: Integrated Firebase for backend services, ensuring secure user authentication, real-time data synchronization, and cloud storage capabilities.
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ACHIEVEMENTS

- ∗ **IEEE Paper Publication at ICIET 2023**
  Presented and published an IEEE paper titled "MedApp: Patient's Personal Medical History Maintenance App.
- ∗ **Workshop Involvement**
  Worked as an intern for the departmental workshop of YIP 5.0 organized by the Kerala Startup Mission.

CONTACT DETAILS

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SELF DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

Sarath Krishnan P V