

# Sudeep P S

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📍 Palakkad, Kerala

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## WORK EXPERIENCE

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### Datcarts

Dec 2024 - Present

Software Developer

- Developed full-stack mobile and web applications focusing on user engagement and retail operations efficiency
- Built intelligent **product scanning** system with barcode recognition and automated price detection capabilities
- Designed gamification features including **rewards system** to enhance user engagement and retention by **3x**, driving a ROAS of **5.0+**.
- Developed an **ad editor** to design and export promotional creatives directly from product images.
- Architected scalable backend services and database infrastructure supporting distributed retail operations
- Implemented real-time monitoring system for tracking health of distributed retail servers

### rthetapi

Aug 2024 - November 2024

Mobile Developer Intern

- Developed Flutter applications with local storage integration as part of a digital innovations agency
- Contributed to UI development including integrating GPT-based features into mobile interfaces
- Collaborated with the team on various small-scale mobile projects across different domains

### IBM WatsonX

Jun 2024 - July 2024

AI-ML Intern

- Built and deployed machine learning models on IBM Cloud as part of a 4-member development team
- Developed an intelligent chatbot using **IBM WatsonX**, contributing to timely project delivery within a 2-month internship

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## EDUCATION

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### COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY

2023 - 2025

MSc Computer Science with Data Science - 8.86

### Government Victoria College, Palakkad

2020 - 2023

BSc Computer Science - 7.47

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## PROJECTS

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### Chatting Application

- Built a cross-platform real-time chat application supporting Android, iOS, and Web from a single codebase
- Implemented user authentication with email-based registration and profile management
- Enabled real-time messaging across all registered users using Firebase Firestore as the backend database

### Money Manager

- A personal finance application built to track income and expenses with custom transaction categories
- Displays real-time balance based on recorded transactions
- Deployed as a web app via GitHub Pages, Live link: <https://sudeep-ps.github.io/>

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## SKILLS

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**Languages:** Dart, JavaScript, TypeScript, Python, C++

**Frontend:** Flutter, Riverpod, React.js

**Backend:** NestJS, REST APIs, JWT, Node.js

**Databases:** MongoDB, MySQL, Sybase

**Tools & Platforms:** Flutter DevTools, Git/GitHub,

Postman, Swagger, Jira, CI/CD, Google ML Kit, ESLint, Slack Integrations