

# PRATEEK KUMAR MOHANTY

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## SUMMARY

A passionate and results-driven Full Stack Developer with experience in developing scalable web applications and integrating Web3 technologies. With a background in frontend and backend architecture, I have a strong foundation in multiple programming languages, frameworks and cloud technologies. I have consistently delivered high-quality solutions, optimised systems and fostered team collaboration in fast-paced environments.

## WORK EXPERIENCE

### SDE II, Pathfndr

Jan 2026 - Current

- Optimized APIs, reducing response times from **20 seconds to 300–700 ms**, significantly improving user experience.
- Developed complete **Offline Activity Lite Inventory module** for faster and more structured activity management.
- Implemented **Retrieval-Augmented Generation (RAG) system** to fetch hotel results based on natural language input.
- Published **two fully functional iOS applications** to the App Store, ensuring production-grade quality.
- Built **AI-powered chatbot assistant** to automate user interactions and improve customer support efficiency.
- Created **Micro-SaaS solution** converting handwritten itineraries into formatted digital templates.
- Developed notification scheduler alerting clients about expiring API keys to prevent service disruptions.
- Deployed **three microservices on GCP** with scalable, secure, and resilient architecture.
- Built hotel aggregator microservice fetching live data for **1.2K+ hotels in under 10 seconds**.

### Full Stack Developer, Dextr Labs

Jul 2023 - Dec 2024

- Engineered **scalable front-end and back-end architecture** for seamless user interface and API integration.
- Optimized database schemas enhancing data management and improving retrieval efficiency by **35%**.
- Engaged and retained **65% additional users** by ideating game logic and implementing reward systems.
- Achieved **40% increase in system reliability** through automation of essential tasks using Cron jobs.
- Integrated **Web3 technologies** leveraging blockchain innovation for enhanced functionality and security.
- Implemented **CI/CD pipelines in AWS**, resulting in 50% increase in development efficiency and deployment speed.
- Executed seamless authentication flow providing secure and user-friendly login experience.
- Developed features enabling users to join and edit pools, influencing user participation and engagement.

### Product Lead, Frifty

Jun 2022 - Jul 2023

- Enhanced front-end performance with **lazy loading, code splitting** and reduced bundle sizes for faster load times.
- Architected **responsive, cross-browser-compatible interfaces** with React in collaboration with UI/UX teams.
- Built **reusable React components** and UI elements, enhancing 75% efficiency across multiple projects.
- Led **team of five members** to successfully deliver over five projects, ensuring quality outcomes.
- Created front-end features for web extension with **300 ms response time**, improving user experience.
- Spearheaded **UI library featuring over 50 elements**, ensuring component reusability and design consistency.
- Established **end-to-end cloud infrastructure** for complete digital footprint using AWS and MongoDB.
- Integrated low-code solution to efficiently send bulk emails to subscribers, enhancing user engagement.

### Product Developer, Aarna

Jun 2021 - Apr 2022

- Developed and delivered **MilkyMoo App to App Store within 3 months**, ensuring successful market entry.
- Optimized UI/UX design, providing adaptable customer experience and increasing user satisfaction.
- Streamlined payment processes through integration of **three payment gateways** within mobile app.
- Crafted innovative marketing strategies resulting in **100% increase in user engagement**.
- Refined logistics operations through route management, improving efficiency and **reducing costs by 45%**.
- Boosted delivery performance with gamification features, **increasing productivity by 50%**.

### Software Developer Intern, Milk Mantra

Sep 2020 - Mar 2021

- Fabricated consolidated portfolio view by benchmarking **40+ data sources**, achieving data integration of 65%.
- Reduced API calls to third parties by caching transaction and pricing data, achieving **reduction of 50%**.
- Integrated **multi-factor authentication** to enhance platform transaction security, safeguarding user data.
- Launched visualizations for user investment sizes across **10+ cryptocurrencies**, supporting strategic choices.

## EDUCATION

### Bachelors in Technology (IT)

2018 - 2022

Odisha University of Research and Technology, Bhubaneswar

## SKILLS

**Programming Languages:** C, C++, Java, Python, Dart, Kotlin, JavaScript, Typescript

**Frameworks:** React, Flutter, Django, ExpressJS, HapiJS, NestJS, Redux, GraphQL, NextJS, Fast API

**Cloud & Tools:** Android Studio, AWS, GCP, Git and GitHub, PostgreSQL, MySQL, MongoDB, Redis