

# Abdul Fathah KA

Dubai • (971) 5858 32842 • [hello@fathaaah.com](mailto:hello@fathaaah.com) • Portfolio: [fathaaah.com](https://fathaaah.com) • [Linkedin](#)

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## SUMMARY

Results-driven Full-Stack Software Engineer with 6+ years of experience building scalable web and mobile applications, AI-powered tools, and cloud-native platforms. Proven track record delivering high-performance solutions for e-commerce, education, ERP, and social platforms. Expert in React, Next.js, Node.js, Flutter, Docker, and LLM integrations. Passionate about creating clean, efficient, and innovative systems aligned with 12-Factor App principles.

## EXPERIENCE

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### KPTAC Technologies

Software Engineer

Dubai, UAE

Nov 2024 – Present

Collaborated in the development of an all-in-one anonymous social media app with React Native with real-time voice/video sharing, feed, chat, and live streaming. Architected and developed the admin panel in React Next.js with role-based access control and advanced analytics. Worked on improving app performance, AI integration, including voice modulation and LLM-powered features, and enhanced chat functionality for seamless user experience.

### Microbee Global

Senior Software Engineer

Sharjah, UAE

Feb 2024- Nov 2024

Led the development of a full-scale Warehouse Management System with ERP and e-commerce integration using Flutter, Node.js, Next.js, MySQL, designing real-time dashboards for inventory, orders, and workflows, while building secure middlewares and live branch data sync—reducing stock errors by 25% and boosting operational speed by 40%.

### Thaiba Heritage

Senior Software Engineer

Kolkata, India

May 2023 – Jan 2024

Designed and launched a large-scale Institute Management System serving 30,000+ students, featuring multi-campus scheduling, exams, transport, HR, and analytics, while also developing APIs for seamless mobile and web access, using React Next.js, PHP, MySQL, Flutter, streamlining operations across five states and cutting administrative workload by 50%.

### Markaz Knowledge City

Full Stack Developer

Calicut, Kerala, India

June 2019 – April 2022

Delivered a modern, high-performance content-managed website with fully reusable CMS components, and engineered an NFC-enabled Flutter desktop checkout system that powered seamless campus-wide book and canteen access—driving a massive 70% reduction in manual checkouts.

### Ziqx Creative Clique LLP

Chief Technology Officer

Coorg, KA, India

Sep 2017 – Present

Built and led multiple production-grade platforms including **Cartex** (AI-powered e-commerce suite), **Zchool** (multi-tenant school ERP serving 20K+ users), **Tezt** (online exam system), **Debaze** (unified DB admin tool), **Libstackz** (library management suite), and **GlobalBot** (AI event robot with ID scanning and face recognition). Tools: Next.js, Node.js, Prisma, MySQL, MongoDB, PHP, Flutter, Python, OpenCV, LLMs.

## OPEN-SOURCE CONTRIBUTIONS

- Hermes Desktop App to Manage Hermes Agents (6K+ Stars & 300K+ Downloads)
- Published & maintaining 5+ Dart packages on pub.dev.
- Published & maintaining 6+ npm packages.
- Created NLP pre-processing libraries (fathah) in Python (PyPI) and JS (npm).

## TECHNICAL SKILLS

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**Languages:** TypeScript, Dart, JavaScript, Python, PHP

**Frontend:** React.js, Next.js, Vue.js, Nuxt.js, jQuery

**Backend:** Node.js, Express, PHP (CI4), Flask

**Mobile:** Flutter, React Native, PWA

**UI Libraries:** Tailwind, Bootstrap, Material UI

**Databases:** MySQL, Postgres, Firestore, SQLite, MongoDB, Redis, Hive

**Tools:** Prisma ORM, Docker, GitHub Actions, Git

**Cloud/Server:** AWS, hPanel, cPanel, Nginx, Caddy, Linux, Microservices

**AI/ML:** OpenAI, Transformers, LLM Integration

**Security:** JWT, SSH, Hashing, Encryption

**Others:** JSON, YAML, Figma, Adobe PS/AI, SEO, Jira, Slack

## EDUCATION

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- **Master of Computer Application** – University of Mysore
- **Bachelor of Computer Application** – Annamalai University
- **Certified in Machine Learning** – NIT Warangal