

# Ahmed Raafy Shiham

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## Professional Summary

Adaptable and results-driven Software Engineer with 4+ years of experience in full-stack and mobile application development. Proficient in JavaScript/TypeScript, React, NextJS, and React Native, with proven success in delivering high-quality solutions for diverse clients. Strong expertise in creating scalable backend systems and developing intuitive front-end interfaces. Adept at problem-solving, API integrations, and team collaboration. Seeking opportunities in Full-Stack, Front-End, or Mobile Application Development roles.

## Technical Skills

- **Programming Languages:** JavaScript/TypeScript, HTML, CSS, Java, Python, C/C++
- **Frameworks/Libraries:** React, NextJS, Redux, TailwindCSS, NodeJS, ExpressJS, React Native
- **Databases:** PostgreSQL, MySQL, MongoDB, MariaDB, SQLite
- **CI/CD:** Git, Docker, GitHub, GitLab
- **Cloud Platforms:** AWS, Linux VPS Management
- **Testing:** Jest, Mocha
- **Tools:** NGINX, PM2
- **Languages:** English (Bilingual Proficiency), Bahasa Melayu (Professional Working Proficiency)

## Professional Experience

### Self Employed

Software Engineer

Kuala Lumpur, Malaysia / Remote  
On-going | Apr 2023 - Present

- Collaborated with clients to deliver custom web and mobile applications, leading to a 95% client satisfaction rate.
- Developed and maintained complex web and mobile applications using React, React Native, NodeJS, and various databases, resulting in a 60% increase in user engagement.
- Led the deployment, maintenance, and scaling of client applications on cloud and VPS environments.

### Tarsoft Sdn Bhd

Mobile Application Developer

Selangor, Malaysia  
6 months | Oct 2022 - Apr 2023

- Led React Native development for multiple mobile apps, collaborating closely with UI/UX and backend teams to integrate key features.
- Revamped existing applications, enhancing functionality and user experience.
- Designed user interfaces and managed app releases, updates, and app store maintenance.

### Self Employed

Software Engineer

Remote  
3 years 3 months | May 2015 - Aug 2018

- Delivered tailored software solutions for various clients, achieving a 90% satisfaction rate.
- Implemented full-stack web applications using React, NodeJS, and PostgreSQL, leading to a 30% increase in user adoption.
- Designed and optimized RESTful APIs for financial platforms, improving system performance and scalability.

## Key Projects

### PaMaMe Glamping (Event Registration Management Platform)

*Technologies: NextJS, PostgreSQL, TailwindCSS, Prisma ORM, Linux VPS, NGINX, PM2*

Developed and managed a comprehensive event registration solution independently. Implemented complex user interfaces with TailwindCSS and optimized the backend using PostgreSQL and Prisma. Deployed and maintained the platform on a VPS using NGINX and PM2. Overcame challenges in server security and large image handling, achieving high performance and stability.

- [PaMaMe Glamping Website](#)

### Mastanah (Community Mobile Application)

*Technologies: React Native, NodeJS, MongoDB*

Led the development of a community-based mobile application. Integrated new features and trained junior colleagues in React Native. Built APIs for real-time data exchange and worked with backend and UI/UX teams to align technical requirements. Gained valuable experience in training and cross-functional team collaboration.

### ERUDIO (Online Education Platform)

*Technologies: WebRTC, React, NodeJS, SQLite*

Created an educational platform for multi-user video, audio, and text communication as part of a thesis project. Successfully integrated WebRTC to support video calls with up to 100 participants, ensuring low latency and high-quality performance.

### The Lighthouse Therapy (Therapy Service Registration Platform)

*Technologies: WordPress, PHP*

Implemented and customized a landing page and registration system using WordPress, as specified by the client. Set up Google Ads and conversion tracking to optimize campaign performance. Enhanced user engagement by integrating unique events into the data layer.

- [Lighthouse Therapy Website](#)

## Education

### Management and Science University

Bachelor of Computer Science (Hons)

Selangor, Malaysia

May 2023

### SEGi College Kuala Lumpur

Foundation in Information Technology

Kuala Lumpur, Malaysia

July 2016