

# Shan Kuriakose

AI/ML FULLSTACK DEVELOPER

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## Profile

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AI Engineer with 3+ years in artificial intelligence and nearly 5 years in full-stack development, specializing in Python and JavaScript. Skilled in building AI architectures, I have hands-on experience in data science consulting, startup founding, and developing AI-driven applications like RAG-based customer support models. Known for designing scalable, efficient solutions and clear communication, I bring a versatile, solutions-oriented approach to each project.

## Experience

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### Green Rider Technology | Software Engineer

Feb,2024 – to present

- At Green Rider Technology, I serve as an AI Engineer, focusing on the development of AI-driven solutions, including large language model (LLM) prompt engineering and retrieval-augmented generation (RAG) systems.
- My role involves designing and evaluating machine learning models, implementing matrix evaluation, and working closely with the team on function-calling projects for generalist AI tasks.
- Additionally, I collaborate on initiatives to improve model performance and integrate AI solutions into customer-facing applications.
- My contributions centre around building robust, scalable AI architectures and providing technical leadership to drive the company's mission forward.

### UC Pro | AI/ML Engineer

Jul,2022 – Nov,2023

- Developed scalable AI models and contributed across MERN stack and React Native projects, ensuring optimized functionality in product features.
- Regularly took on full-stack roles and coded extensively to build robust solutions across both AI and application development.
- Worked on two projects; AI driven Ecommerce platform and a Real Estate App that had Virtual Reality and AI enabled price trend analysis

### Rubixe | Data Science Consultant

Aug,2021 – Jul,2022

- Collaborated on data science projects, leveraging machine learning techniques to develop actionable insights and optimize business processes.
- Contributed to cross-functional teams, ensuring effective implementation of data-driven solutions.
- Engaged in exploratory data analysis, model training, and performance evaluation to support decision-making
- Prepared Dashboards using Power BI and Excell

## Projects

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### Mindikko

Nov,2022

- Co-founded Mindikko, a mental health support platform inspired by personal experiences with depression and trauma.
- Led a dedicated team in creating a holistic approach to emotional wellness, combining the expertise of trained psychiatrists with innovative AI technology.
- Developed an AI-powered app offering personalized treatment plans and mindfulness-based therapy, ensuring robust privacy protection and budget-friendly options for users.
- Committed to fostering a supportive community, Mindikko empowers individuals on their journey to recovery and emotional well-being.
- Tech-Stack: React(frontend), Express.js (Backend), MongoDB, Fast API (AI services), Docker

## Certifications & Courses

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Certified Data Scientist | IABAC

Mar,2023

The Complete 2023 Web Development Bootcamp | Dr Angela Yu

Oct,2023

Time Series Analysis in Python | 365 Careers

Jul,2023

Data Science Foundation | IABAC

june,2022

Data Science Certification Training | Datamites

oct,2022

## Education

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University of Calicut, BA - Economics

2011-2014

IGNOU, MA -Economics

2017-2022

## Skills & abilities

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|------------------------|--------------------------|--------------------|
| • Fast API             | • Django                 | • Node JS          |
| • React                | • Reinforcement Learning | • Machine Learning |
| • Time Series Analysis | • TensorFlow             | • Vector-DBs       |
| • Deep Learning        | • Pytorch                | • RAG              |

## References

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