

# KAVINDU RANASINGHE

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## Experience

Mathemly  
Software Engineer  
April 2025 - present

- Designed and implemented interactive user interfaces with React, NextJs enhancing user experience and engagement.
- Utilized Strapi for backend operations, optimizing algorithms and ensuring efficient data handling.
- Architech and build Softwares from the ground up

Random Software  
Junior Software Engineer  
Jul 2024 - Dec 2024

- Contributed to a large-scale application serving clients across the USA and Canada. Developed and maintained the frontend using Angular and implemented scalable backend services on AWS.
- Delivered updates in a 2-week sprint Agile methodology, collaborating closely with cross-functional teams for continuous improvement.
- Resolved critical issues through hotfixes, ensuring minimal downtime and high user satisfaction.
- Leveraged Cypress for automation testing, enhancing code reliability and deployment efficiency.
- Optimized application performance, improving responsiveness and scalability to support a growing user base.
- Refined skills in building and maintaining enterprise-scale applications while adhering to Agile principles and client-focused outcomes.

Undergraduate Program  
Aug 2023 - Jun 2024

Syntax Genie  
Intern Software Engineer  
Oct 2022 - Mar 2023

- Designed and implemented interactive user interfaces with React, enhancing user experience and engagement.
- Utilized Firebase for backend operations, optimizing algorithms and ensuring efficient data handling.
- Collaborated with a cross-functional team to enhance application performance and scalability.
- Conducted rigorous testing and debugging to ensure seamless functionality and high reliability.
- Strengthened expertise in modern web development practices and scalable backend solutions.

## Education

University of Bedfordshire

2020-2023, United Kingdom

University of Colombo

2025-2027, Sri Lanka

BSc (Hons) in Computer Science and  
Software Engineering - Second Class Upper  
M.Sc. in Computer Science

## Skills

JavaScript, HTML/CSS, jQuery, React.js, Node.js, AngularJS, AWS, Express.js,  
Firebase, GitHub, Bitbucket, Jira, Cypress, Jest, SQL, MongoDB, Redis, OpenAI,  
Next.js, NestJS, Web sockets, Docker, CSS frameworks, Figma, PHP, Java,  
C++/C#, Spring Boot