

# MATHEESHA ABIMAN

Aspiring UI/UX Engineer | Full-Stack Developer

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## EXPERIENCE

### Student Committee Organizer

#### IJSE Institute of Software Engineering

Dec 2025 - Present Galle, Sri Lanka

- Leading technical bootcamps and workshops
- Facilitating knowledge transfer between senior and junior software engineering students

### Student Committee Social Media Coordinator

#### IJSE Institute of Software Engineering

Dec 2024 - Dec 2025 Galle, Sri Lanka

- Managed digital visual identity and UI branding to ensure a professional brand experience across platforms
- Collaborated on social strategy and content design for institutional events and technical workshops

## PROJECTS

### RideEasy - E-commerce Rental Platform

#### MERN Stack, TypeScript, Redux, JWT

2026 - Present

- Architected a comprehensive rental ecosystem with a centralized dashboard, significantly reducing data latency through Redux Toolkit state management.
- Secured the platform using JWT authentication and protected routes, maintaining total data integrity for all user transactions and business records.

### EasyInvoice - Mobile Billing Solution

#### React Native, Firebase, Expo, TypeScript

2025 - Present

- Architected a mobile app for offline PDF invoice generation, reducing server dependency.
- Merged Firebase Auth and real-time Firestore syncing for cross-session data integrity.

### Ceylon Antique Marketplace

#### Spring Boot, MySQL, SMTP

2025 - Present

- Developed a full-stack antique marketplace platform using Spring Boot and MySQL, implementing secure JWT authentication, payment integration, admin management, and automated email notifications.
- Engineered a high-performance Spring Security backend with database pagination to handle thousands of concurrent listings without performance degradation.

## SUMMARY

Versatile Full-Stack Developer and UI/UX Designer with a dual-focus background in Computer Science and IT. Expert at building end-to-end digital products, from high-fidelity Figma prototyping to scalable backend architectures using Spring Boot and the MERN stack. Specialized in bridging the gap between aesthetic design and robust software engineering to deliver seamless, accessible user experiences.

## TECHNICAL SKILLS

### Frontend & UI/UX

- React.js
- React Native
- TypeScript
- Figma
- Tailwind CSS

### Backend

- Java (Spring Boot)
- Node.js & Express
- Python

### Tools & Workflow

- Git & GitHub
- Postman
- Agile/Scrum

### Database & Cloud

- MySQL
- MongoDB
- Firebase

## FIND ME ONLINE

Matheesha Abiman

GitHub

LinkedIn



## CERTIFICATIONS

### UI/UX Design Specialist

Alison

### Web design

University of Moratuwa

### Full-stack & python specializations

University of Moratuwa

### GENESYS Hackathon

IJSE

## PROJECTS

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### **Patient Risk Stratification System** **Python, BeautifulSoup, Seaborn, Data Analysis**

 Jan 2026 - Present

- Enhanced medical predictive capabilities by building a Vitality Complexity Index that processes large clinical datasets to identify high-priority patient cases.
- Translated complex clinical data into actionable medical insights using interactive Seaborn visualizations, directly assisting staff in triage accuracy.

## EDUCATION

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### **Bachelor of Information Technology (BIT)** **University of Moratuwa**

 Jun 2025 - Present  Moratuwa, Sri Lanka

### **Undergraduate in Computer Science**



### **IJSE Institute of Software Engineering**

 Feb 2024 - Present  Galle, Sri Lanka



### **GCE O/L & A/L (Physical Sciences)** **St. Aloysius' College-Galle**

 Jan 2009 - Dec 2023  Galle, Sri Lanka

## REFERENCES

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### **Mr. Prasad Waduge**

CEO/Senior Trainer - Producing IT professionals

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### **Mr. Mayuran Varatharajan**

Manager - Academic Program

Institute of Software Engineering

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