Amana Samsudeen

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 github.com/amanasamsudeen

PROFILE

Driven Software Engineer with a strong foundation in full-stack development and hands-on experience in agile methodologies. Skilled in designing, developing, and optimizing scalable applications while ensuring code quality and performance. Holds an MSc in Information Technology and a BSc in Information Systems. Proficient in Angular and React, with the ability to adapt quickly to emerging technologies. Recognized for problem-solving, attention to detail, and effective collaboration within cross-functional teams.

EDUCATION

Bharathiar University 🔗   2024 – Present
MSc in Information Technology   Coimbatore, India

University of Colombo School of Computing 🔗   2020 – 2023
BSc in Information Systems   Colombo, Srilanka

Technical College Batticaloa   2019
NVQ ICTT   Batticaloa, Srilanka

PROFESSIONAL EXPERIENCE

X-Venture Pvt Ltd 🔗   2023 – 2024
Software Engineer   Colombo, Sri Lanka

- Enhanced core features of XAPI (https://xapihub.io/ 🔗), an API management tool, by collaborating closely with back-end developers, ensuring smooth data handling through RESTful API integration
- Developed and maintained Angular applications using TypeScript, JavaScript, HTML, and CSS, improving UI responsiveness and user experience
- Implemented unit testing frameworks and performed SonarQube code reviews to strengthen code quality, scalability, and long-term maintainability.

X-venture Pvt Ltd 🔗   2022 – 2023
Software Engineer Intern   Colombo, Sri Lanka

- Practiced agile methodologies, participating in sprint planning, daily stand-ups, and retrospective meetings to ensure project alignment and quality delivery
- Participated in team collaboration activities to ensure alignment with client requirements.

TECHNICAL SKILLS

- Angular
- CSS/ SCSS
- Python - Fast API
- Java

- React.js
- JavaScript/TypeScript
- MongoDb/Firebase
- API Integration

- HTML
- Node Js/ Express Js
- Git
- Jira

PROJECTS

XAPI 🔗

A web application which manages APIs

- Technologies : **Angular, Springboot, MongoDb , RESTful API**

PETSO 🔗

A Social platform for animal welfare organizations

- Technologies : **PHP, SCSS, HTML, MySQL**

SMECO 🔗

Full stack web application for marketing loyalty management

- Technologies : **React.js, Node.js, Express.js, Sequelize ORM, MySQL, TailwindCSS, RESTful API**

ShieldCare 🔗

A parental control web application to reduce mobile screen time

- Technologies : **React.js, Python-FastAPI, Firebase**

Prescripto 🔗

A doctor Appointment full stack web application

- Technologies : **React.js , Node.js, Express.js Js and MongoDB**

AWARDS

ICCR Scholar
Merit Scholarship awarded by Government of India

Winner - PearlHack 1.0
Inter-university Hackathon, Sabaragamuwa University, Sri Lanka

Runner-up, Hackaholics 5.0
Inter university girl's hackathon- University of Colombo

CERTIFICATIONS

Computer Networks and Internet Protocol
By NPTEL IIT Kharagpur

Angular + nestJS

Postman API Student Expert 🔗

Introduction to Java

Java Full Stack with React.js and AI 🔗

Jira Project management