

Erantha Welikala (BSc. Computer Engineering)

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Profile

I am hard-working graduate who is eager to have a good experience and more knowledge in software engineering career by joining professional software company while utilizing my knowledge and intelligence in the growth of the organization.

Skills

Platforms

Microsoft Windows, Linux

Languages

Java, Python, C#, C, MATLAB

Web Development

HTML & CSS, Angular, NodeJS, PHP, JavaScript, VueJS, FLASK

Mobile Development

Ionic, Android Studio

Database Management

MySQL, Firebase

Education

2016 to 2020

B.Sc. Engineering Undergraduate, specialized in Computer Engineering, Faculty of Engineering, University of Peradeniya, Sri Lanka. GPA – 3.2/4.00

2006 to 2014

D.S. Senanayake College, Colombo-7

Working Experience

2020/08 – Now

AtLink Communications (Pvt) Ltd, Colombo
Software Engineer

IOS & Android Development

2019/12 – 2020/01

AtLink Communications (Pvt) Ltd, Colombo
Associate Software Engineer

Angular, Java, MySQL

2019/02 – 2019/07

AtLink Communications (Pvt) Ltd, Colombo
Training Software Engineer

Three.js, UWP, Angular, Java, MySQL

Researches/ Projects Involved In

Stock Market Prediction Using an Ensemble Approach

Stock market prediction platform with an ensemble model built by combining individual models. (LSTM, Linear Regression, ML Models)

Contribution – Implementing LSTM(Neural Network) Model ad Backend Development

Technologies – Python, Angular, NodeJS, Firebase

Web Educational Platform – mtute.lk

Online educational platform for institutes, instructors and students to share their resources and have own benefits such as promoting themselves and share papers and short notes.

Contribution – Fullstack development

Technologies – Angular, NodeJS, Firebase

Interests

Web Development

Software Development

Mobile Development

Machine Learning

References

Dr. Suneth N. Karunaratne,
Senior Lecturer,
Dept. Computer Engineering,
Faculty of Engineering,
University of Peradeniya.
Tel: +94 76 832 1333
Mail: namal@ce.pdn.ac.lk

Mr. D. S. Deegalla,
Senior Lecturer,
Dept. Computer Engineering,
Faculty of Engineering,
University of Peradeniya.
Tel: +9481 239 3477
Mail: sampath@eng.pdn.ac.lk

Mobile Education Platform (Individual)

Ionic application which provide a platform for sharing papers and short notes.

Technologies – Ionic, Firebase

Parking Lot Management System (Ongoing)

Web application for a parking lot to provide reservation and payment service over the internet for their customers.

Contribution – Backend development

Technologies – Java Springboot

Bank Management System (Individual)

e-Bank Management system for a bank to handle transactions and paying bills and etc.

Technologies – Java

Pera Cricket Database (Individual)

A web application that facilitates of updating and storing information of cricket matches played by University of Peradeniya.

Technologies – HTML/ CSS, PHP, MySQL

Audio Visualization

A web-based software that is visualizing the music while playing

Contribution – Development of patterns (Frontend)

Technologies – JavaScript, NodeJS

Mini Projects

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|------------------|--|
| Open Hours - | Android application which can be used to show open hours of the shops (Android Studio) |
| TicTacToe Game - | Simple game (Java) |
| Fractals - | Application for fractal visualization (Java) |
| Movie Manager - | Application to manage the DVD movies list via CSV files (java) |

Extra-Curricular Activities

Competitions & Achievements

ACES Hackathon 2018

ACES Coders 2018

University Colors in Cricket

Activities

Drama & Dancing

Cricket

Representations

Art Circle, Faculty of Engineering, University of Peradeniya

Cricket Team of University of Peradeniya

Committee member at ACES in 2017