

ERANTHA YASITH WELIKALA



Personal Details

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Technical Skills

Programming Languages

JavaScript	●●●●●●●●●●
Python	●●●●●●●●○
Java	●●●●●●●●○
PHP	●●●●●●●●○
TypeScript	●●●●●●●●○
C#	●●●●●●○

Web Development

Angular	●●●●●●●●●●
NodeJS	●●●●●●●●●●
Laravel	●●●●●●●●○
React	●●●●●●●●○
Flask	●●●●●●○
.NET Web	●●●●●●○

Mobile App Development

Ionic	●●●●●●●●●●
Android (Java)	●●●●●●●●○
React Native	●●●●●●●●○
iOS (Objective-C, Swift)	●●●●●●○

Database Management

SQL	●●●●●●●●●●
MongoDB	●●●●●●●●○

Tools and Environments

JIRA	Docker	Jenkins
Git	Confluence	Xcode

Education

BSC. ENGINEERING IN COMPUTER SCIENCE

University of Peradeniya, Sri Lanka

Nov 2015 - Jul 2020

GCE O/L & GCE A/L

DS Senanayake College, Colombo, Sri Lanka

Work Experience

SENIOR SOFTWARE ENGINEER

AtLink Communications (Pvt) Ltd, Sri Lanka

Jan 2023 - Present

- ✦ Contributed to the architectural design and decision-making processes for more than 2 web projects
- ✦ Advocated for and enforced coding standards, best practices, and code quality within the development team, resulting in a 10% increase in SonarQube quality gate passing rate
- ✦ Individually led the design and implementation of CI/CD pipelines, contributing to the efficient and automated delivery of software solutions by reducing deployment time and effort by over 50%
- ✦ Mentored interns over 6 months, facilitating their professional development and integration into the team while ensuring 0 bugs

Technologies

Angular, Node JS, .NET Framework, Docker, Jenkins

SOFTWARE ENGINEER

AtLink Communications (Pvt) Ltd, Sri Lanka

Aug 2020 - Dec 2022

- ✦ Contributed in feature implementation and bug fixing on web and mobile projects in an agile environment
- ✦ Carried out R&Ds and brainstormed team members on microservice architecture
- ✦ Single handedly managed the implementation of 3 prototypes strategically designed to attract and engage clients.

Technologies

Angular, Node JS, Android Studio with Java, Xcode with Objective-C, Ionic, PHP, Python Django

Internship Experience

SOFTWARE ENGINEER INTERN

AtLink Communications (Pvt) Ltd, Sri Lanka

Feb 2019 - Jul 2019

- ✦ Played a pivotal role in implementation of new features, contributing to the enriched functionality of web projects
- ✦ Specialized in identifying and resolving software bugs, ensuring a seamless and optimized user experience
- ✦ Actively led research efforts for adopting new technologies relevant to project requirements
- ✦ Investigated and developed communication solutions, enhancing seamless interactions within the software

Technologies

Angular, Node JS, UWP

Certificates & Achievements

Certificates

DOCKER FOR THE ABSOLUTE BEGINNER - Udemylabs/ Kode Kloud

LEARNING JAVA - LinkedIn

PROBLEM SOLVING (BASIC) - Hacker Rank

JAVA (BASIC) - Hacker Rank

PYTHON (BASIC) - Hacker Rank

AI FOR EVERYONE - Coursera

Achievements

UNIVERSITY COLORS FOR CRICKET,
University of Peradeniya

Extracurricular Activities

ASSOCIATE MEMBER,
Institution of Engineers, Sri Lanka

PRESIDENT OF SPORTS & RECREATION COMMITTEE,
AtLink Communications (Pvt) Ltd

MEMBER OF ACES DEPARTMENT OF COMPUTING,
Faculty of Engineering, University of Peradeniya

MEMBER OF CRICKET TEAM,
University of Peradeniya

MEMBER OF ART CIRCLE,
Faculty of Engineering, University of Peradeniya

Projects

SOCIAL MEDIA APPLICATION FOR MOBILE (WORK)

App for short videos with social impact. Users can upload, earn, and support the homeless. Features include commenting, liking, sharing, and reposting.

Contribution - Resolved critical issues in Android and iOS, enhanced iOS performance and the API

Technologies - Android Studio (JAVA), Xcode (Objective-C), PHP

WEB APPLICATION FOR PUBLICIZING GOVERNMENT PROJECTS (WORK)

A web platform: Facilitated public awareness of government projects, integrating a map interface for progress tracking.

Contribution - Full stack development for both admin portal and public web app
Technologies - HTML/CSS and JavaScript, Angular, Node JS

MOBILE SAFETY APPLICATION (WORK)

A safety-focused mobile app that allows users to track check-ins and send emergency alerts while in danger.

Contribution - Engineered bug fixes, implemented features on both mobile app and REST API. Led feature implementation sprints.

Technologies - Ionic, Laravel

WEB APP FOR AIRWAYS & AIRSPACE SERVICES

App to provide specific calculations and reports related to Airways and Airspace.

Contribution - Resolved bugs, Designed and constructed the CI/CD pipeline
Technologies - .NET Framework C#, Jenkins, SonarQube, Nexus

E-COMMERCE WEB APPLICATION (INDIVIDUAL)

A sample web application for publishing products as an admin where customers will be able to buy the published products through an online store.

Technologies - .NET Core (C#) MVC

STOCK MARKET PREDICTION USING AN ENSEMBLE APPROACH

Stock market prediction platform with an ensemble model. Aim was to provide reliable predictions in vibrant market conditions.

Contribution - Fabricated LSTM NN Model and Backend Development
Technologies - Python, Angular, Node JS, Firebase

EDUCATIONAL PLATFORM (INDIVIDUAL)

Online educational platform consists of web and mobile components targeting institutes, instructors and students. It provides features such as scheduling online classes, sharing resources among others.

Technologies - Angular, Node JS, Ionic, Firebase

PARKING LOT MANAGEMENT SYSTEM

An online platform where users can reserve parking spaces based on availability.

Contribution - Backend development
Technologies - Java Spring boot

PERA CRICKET DATABASE (INDIVIDUAL)

A web application for managing cricket match info and tracking team/player rankings and records.

Technologies - HTML/ CSS, PHP, MySQL