

Contact

Phone

+61 444 511 619

Email

eranga.mohotty@gmail.com

City

Perth, Western Australia

LinkedIn

eranga-mohotty

Github

eranga-mohotty

Skills

- Web Development
 - Front-end
 - HTML
 - CSS and Bootstrap4
 - JS (ES6, React, JQuery)
 - Back-end
 - Java - Spring Boot
 - PHP
 - asp.net (C#, razor pages)
 - WordPress
- Programming in any Language that uses OOP or functional paradigms such as: Java, C++, C#, JS, Python, Dart
- DBMS - mySQL, Postgres, MSSQL
- Mobile App development - Flutter
- VCS - Git and SVN
- Familiarity with:
 - Programming languages / Frameworks : React Native, ReactJS, Kotlin, Firebase, x86Assembly, lua, Ruby, scripting(ps1, sh, bat)
 - Testing frameworks and tools: JUnit, selenium webdriver, Postman, Insomnia, curl/iwr
 - Encryption/ hashing technologies
 - Networking
 - Machine learning and deep learning
- Other skills:
 - Cloud computing (AWS)
 - Containerization (Docker)
 - Graphic designing
 - OS - Windows, Ubuntu, Mac

Eranga Mohotty

Full-stack Application Developer

I am a passionate, self-motivated and inquisitive individual with a bachelor's degree in Computer Science with a major in Software Engineering and one and a half years of career experience. I'm currently working as a Full-stack mobile application developer for Nexeyo Solutions Pvt Ltd. and am searching for an onshore career opportunity in Western Australia where I can develop my skills and follow my passion.

Experience

2023 - Current

Nexeyo Solutions Private Limited

Full-stack application developer

Creating cross-platform mobile applications with Flutter SDK for clients with either Firebase and Firestore (Backend-as-a-Service platform) or Java (Spring Boot Framework) as the backend and either MySQL or Postgres SQL for DBMS when using Spring Boot.

Key Responsibilities

- Creating/updating multiplatform deployable mobile apps.
- Creating RESTfull APIs with Spring boot
- Working collaboratively with the team to produce solutions in a timely manner

2017 - 2018

EasyBooking Private Limited

Intern Programmer

Mainly tasked with fixing UI bugs and creating the front end of new web pages for EasyBooking's merchant and user websites using HTML5, CSS with Bootstrap 4 and JS. I was also responsible for creating websites for clients using WordPress. Moreover, I made several UI components using React native for Easybooking's user mobile app.

Key Responsibilities

- Creating Frontend of web pages for existing websites
- Creating WordPress websites

Capstone projects

Unit Name: Introduction to Mobile Applications Development

Result: DISTINCTION

Summary: Developed a multi-platform deployable mobile application using the Corona SDK game engine (currently known as Solar2D) to visualize a dynamic 2D data set on a 2D plane belonging to multiple classes from a CSV file and classify a user's Input point based on user's 'K' value using K-NN classifier using multiple distance metric algorithms and functionality to handle ties, without using 3rd party libraries.

Unit Name: Object-oriented Programming with C++

Result: HIGH DISTINCTION

Summary: Created a console-based dictionary app in C++ using OOP principles which parse an input text file containing words, definitions and word type to create a dictionary object containing all word objects with the methods to do several tasks that required string manipulation and HTML page generation.

- Soft skills:
 - Eager to learn and improve
 - Problem solving
 - Attention to detail
 - Reseaching
 - Team player

Higher Education

2022
Bachelor of Computer Science – major in Software Engineering
Edith Cowan University - Joondalup

2018
Diploma of Science (Computing/IT)
ACBT (Australian College of Business & Technology - Colombo

Certifications

- HTML essential training
- CSS essential training
- JavaScript essential training
- ES6+ essential training
- Artificial Intelligence Foundations: Machine Learning
- AWS cloud Quest: Cloud Practitioner
- Deep Dive Into Modern Web Development by Full Stack Open (ongoing)

Achievements

- CodinGame Certification - CODING_SPEED - LEGEND (Achievement requirements include ranking among top 1000 globally)
- Ranked among top 10 in Australia in Clash of Code by CodinGame (A competitive coding platform)

Unit Name: Applications Development Result: CREDIT

Summary: Developed a student's results management system using ASP.NET(code behind) with the MVC architecture using SQL Server (Express) as DBMS and CSS with Bootstrap for frontend styling. The system included a login page for authentication, at two levels of authorization for results managers and admins to perform authorized CRUD operations on pages to manage units, manage results and view reports.

Unit Name: Interactive Web Development Result: HIGH DISTINCTION

Summary: Built a full-stack web application using PHP and MySQL to book concert tickets. The application includes the ability for users to sign up and book tickets for available concerts and then view the booked tickets for upcoming events. Admins have the ability to perform CRUD operations to manage concerts. A responsive and visually appealing frontend was created using Bootstrap and media query moreover all validations were done at the browser level as well using JS for better UX and to reduce server load. All validations were done at all 3 levels of client, server and database levels to increase security. Moreover, data encryption and hashing were used to store data on the database to preserve the confidentiality of data.

Unit Name: Applied Project Result: HIGH DISTINCTION

Summary: The final project during my studies at ECU was creating supporting material and documentation for the Programming Principles unit (Python 3) in order to help students get better grades. The project included creating exercises with answers explaining the principles and syntax of Python 3 for each module, a document of common errors that might occur during programming with example code and instructions of possible methods to fix them and what might cause them. An in-depth yet simple Documentation of Python syntax and semantics of all keywords and methods of built-in classes of each module of the unit and videos of dry-running example code with a GUI debugger while explaining how the code is executed line by line and instruction by instruction.

Personal projects

★E-market

Summary: E-market is a **full-stack online shopping platform** where users can purchase products available for sale. A user can signup and login to the application browse available products and add products to the cart which is synced in real time with the database. A user can then purchase the items in the cart by paying securely while in app via the square payment gateway.

Tech stack:

Mobile application - Flutter | Back-end and web API - Spring Boot
 Database - MySql | Payment Gateway - SquareUp

References

Mr Ransika Gunadasa

Analyst Programmer
 Department of Justice

Email : ransikang@gmail.com

Mr Chamod Dilshan

Junior Software Engineer
 Tetra Tech

Email : chewagalhenage@tetratech.com