



Linkedin Profile



Github Profile



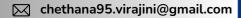
Medium



Personal Portfolio

Contact

070 374 5551 | 0112799191





Technical Skills

Programing Languages

- Java
- JavaScript
- TypeScript
- Python

Web Technologies

- HTML5
- CSS
- Bootstrap | React Bootstrap
- Material UI
- **Tailwind CSS**

LIBRARIES & FRAMEWORKS

- React JS
- Node JS
- **Express JS**
- Next JS

CHETHANA VIRAJINI

About Me

Motivated and forward-thinking Engineering graduate embarking on a selflearning journey in software engineering, seeking an engaging position within a dynamic tech environment. Eager to contribute a unique blend of engineering expertise, programming skills to drive innovation and efficiency. Possessing a solid foundation in analytical thinking, problem-solving, and attention to detail cultivated through academic achievements.

Projects

E-Commerce Website Development Project



Technologies - React JS | Material UI | React Bootstrap

- Designed responsive frontend with React and styling using Material UI and React Bootstrap.
- Integrated user authentication & authorization login/logout functionality, ensuring a protected and reliable user experience using JWT.
- Added features such as product listings, shopping cart functionality, checkout process, and order confirmation.

E-Commerce Admin Control Panel



Technologies - React JS | Material UI | React Bootstrap

- Developed responsive frontend with React.js, Material UI, and React Bootstrap
- Developed CRUD operations for efficient product management, enabling administrators to add, delete, update, and view all products effortlessly.
- Designed admin dashboard offering real-time insights into order details and product statistics.

Backend Development



Technologies - Node JS | Express JS| My SQL

- Designed scalable systems and optimizing MySQL databases.
- Conducted thorough API testing using Postman to ensure reliability and functionality

Library Management System - Java -ongoing



Technologies - MVC Architecture | Singleton Design Pattern | JDBC Transaction

- Creating JavaFX interface for user-friendly interaction.
- Implementing secure backend logic in Java, incorporating MySQL for efficient data management.

LAMMPS Simulation Project - Final Year Project

- Implemented a comprehensive LAMMPS simulation project focused on interface properties of the graphene electrode electrolyte system. Designed and executed simulations using LAMMPS, customized scripts, and Python for data analysis.
- · Achieved number density profile of electrolyte during charging and discharging of supercapacitor.

DBMS

MySQL

SOFTWARES AND RELATED SKILLS

- · Git / Github
- Postman
- Unit testing Junit | JEST
- JIRA

OTHER SKILLS

- SAP/ERP
- Data Visualization
- Machine learning research

Courseworks 📮

EDUCATION

Bachelor of Science of Engineering Majors: Material Science & Engineering University of Moratuwa GPA - 3.31

GCE A/L

Sirimavo Bandaranaike Vidyalaya - Colombo 07 Aug 2015 - Physical Science 2As & 1B - Z-core - 2.1269

EXPERIENCE

Software Engineering Trainee
Upview Technologies - Oct 2023 - Present

Contributed to UI and feature development using React and Next js Worked with product managers to re-architect web-apps, boosting performances. Contributed to the in-house UI library to create reusable components that saved

Software Engineering Trainee

ACPT - Academy Of Computer Programming And Training- June 2023 - Oct 2023

Contributed to Full Stack Web application development & Learning

Technical Executive
MIDAS Safety Sri Lanka - July 2021 - Aug-2023

Developed and streamlined process of NR Gauntlet Production in Robot Plant by reducing rejects from 15% to 1.2% with cycle time improvement by 20 seconds (Six sigma project).

Certificates

- Advanced Professional Web Developer ACPT Academy Of Computer Programming And Training - 2023
- 2. Advanced Professional Java Developer ACPT Academy Of Computer Programming
 And Training ongoing
- 3. Learning Java 11 LinkedIn Learning -2023
- 4. Learning REST APIs LinkedIn Learning 2023
- 5. Test Automation Foundations LinkedIn Learning 2023
- 6. Software Development Life Cycle (SDLC) LinkedIn Learning 2023
- 7. Agile Software Development LinkedIn Learning 2023
- 8. What is Data Science Coursera -2021
- 9. Intro to Analytic Thinking, Data Science, and Data Mining Coursera -2021
- 10.ISO 45001:2018 Occupational Health and Safety Management systems Internal Auditor Training

Extra-curricular

- 1.Director Environment 2018/19 of Rotaract Club of University of Moratuwa.
- 2. Director Finance 2019/20 of Rotaract Club of University of Moratuwa.
- 3. Event Coordinator of ARE YOU READY? 2018. (The Official Career fair of University of Moratuwa.)
- 4. Co-chairperson of community service projects. "SCIWIZ" & "DREAM CRICKET"
- 5. University Colors Award 2017/2018 Basketball.
- 6 Runner Up in the Rotaract Champions League. 2019-Cricket
- 7. Volunteering Iron Man 70.3 2019.

References are available on request.