Muhammad Lubega Bin Siraje

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WORK EXPERIENCE

Deriv
Frontend Developer
August 2023 – Present
- Tasked in handling cashier and payments related maintenance and improvements. I worked mainly with React and Typescript to implement new features and user stories of the web application while solving bugs to maintain the existing legacy codebase and optimize performance.
- Collaborated globally with members from varying departments such as backend, product design and quality assurance for the desktop and responsive redesign of the web application and new monorepo code architecture.
- Responsible for increasing the Jest unit test code coverage to ca 40% and assisting the quality assurance automation team with the Cypress.io E2E test for the squad.
- Merged more than 130 pulls in 3 separate Github repositories in under 8 months.
- Awarded Stars of the Month for April 2024.

Deriv
BeSquare Graduate Trainee Programme
March 2023 – July 2023
- Involved in the frontend development, mobile development, backend development, quality assurance and product design modules.
- Delved into the tools and knowledge needed for the different modules as a prospective employee and worked in teams with people from various backgrounds to develop complete products.
- Awarded winner for the mobile development hackathon and product design competition as well as runner-up for the frontend development hackathon.

Canzler GmbH
Internship and Working Student
September 2020 – March 2021
- Involved in technical building automation for mechanical trades.
- Assisted with heating, cooling, ventilation and sanitation technology via Trimble Nova, AutoCAD and Microsoft Excel.

EDUCATION

Hochschule Zittau/Görlitz
Bachelor of Science in Mechanical Engineering (Bachelorabschluss in Energietechnik)
October 2018 - April 2022
- Note 2,1 (Equivalent to a CGPA of 3.3 - 3.5)
- Major in Energy Technology

German Malaysian Institute
Cambridge GCE Advanced Level (A-Level)
May 2016 - March 2018
- 4A (Mathematics/Mechanics, Physics, Science and German Language)
- Attended the German A-Level Preparatory Programme (GAPP)

CERTIFICATES & PROJECTS

Harvard edX CS50
CS50's Introduction to Computer Science
July 2022 – December 2022
- Completed the introductory course to learn about the basics of programming via HTML, C and Python and venturing deeper via languages/frameworks such as Javascript, SQL and React.

Canzler GmbH
Bachelor's Thesis: Development of an Energy Concept for Heating and Cooling a Multifunctional Sports & Event Hall
December 2021 – March 2022
- Responsible for developing renewable energy solutions for the heating and cooling of a sports & events hall in Hagen by the usage of geothermal energy and latent heat storage via Trimble Nova and Microsoft Excel.

Hochschule Zittau/Görlitz
Project Research: Development of a Mobile Latent Heat Demonstrator
October 2021 – December 2021
- Responsible for developing a mobile-sized latent heat demonstrator with calculations and 3D design of solutions via Solidworks and Microsoft Excel.

SKILLS

Frontend
- Languages/Frameworks: React, Typescript and Javascript
- Styling languages/frameworks: CSS, SASS, TailwindCSS and Bootstrap
- Mobile development: React Native and Dart/Flutter
- State management: MobX/Redux for React and Bloc/Cubit for Flutter
- Introductory level in Python and C/C++

Backend
- Backend Tools/Systems: Node.JS, SQL, Redis and Docker
- Cloud/Storage: Firebase, Introductory level in Google Cloud and AWS

Testing/ Automation
- Unit and E2E tests: Jest and Cypress.io

Design and Engineering
- UI/UX and Graphic Design: Figma and Adobe Photoshop
- 3D Design and Engineering: Siemens NX and Solidworks
- Information Design and Processing: AutoCAD, Trimble Nova and Microsoft Excel

Language
- Mother Tongue: English and Malay
- Advanced: German (TELC C1 Hochschule)

Soft Skills
- Fast learner with high critical thinking and problem solving skills
- Great interpersonal skills and excellent verbal communication
- Innovative and detail oriented