RUVIDU (HIMESH) SAMARASEKERA

Dubai, UAE — Driving License: Yes — Visa Type: Residence

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EDUCATION

Heriot-Watt University   **2019 – 2022**
BSc Electrical and Electronic Engineering   *Edinburgh, UK*

EXPERIENCE

Tanmu Project Management Services   **August 2019 – Present**
Creative Director   *Dubai, UAE*
- Developed and maintaining interactive and responsive company website using HTML, CSS, and JavaScript
- Planned and executed all advertising campaigns across Facebook Ads and Google Ads to increase CTR by 2.7%
- Optimised JavaScript and other elements on website to improve load time by 83%
- Launched SEO campaign to improve website traffic by 75% and ranks as first result for relevant keywords
- Created, edited, and published digital content that displays on company social media pages

CKR Consulting Engineers   **July 2019 – August 2019**
MEP Engineering Intern   *Dubai, UAE*
- Researched the regional SIRA and DEWA regulations
- Assisted in creating Project Reports after analysing project schematics and system specifications
- Refined design briefs and guidelines for client proposals
- Reduced office energy consumption by installing PIR sensors to activate lighting within the office
- Collaborated with the IT team to implement a Bluetooth system for the office access control

PROJECTS

Reddit Clone ⧉ | Typescript, Next.js, Firebase, Chakra UI, Recoil
- Developed a full-stack clone of Reddit that allows users to create communities, post and comment
- Incorporated real-time Firestore database with react-firebase-hooks to store users, communities, posts and comments
- Engineered serverless Firebase Cloud Functions to update backend database depending on user actions
- Utilised Typescript and Next.js to build the frontend, using Chakra UI for styling components
- Implemented Recoil and custom React Hooks to manage global state within the application

Kanban Board ⧉ | React, Material UI, MongoDB, Express
- Developed a full-stack web application that allows users to sign up and add tasks to manage productivity
- Engineered features allowing users to favourite tasks, reorder them for priority and segregate tasks by sections
- Implemented REST API with Express that stores user data that is integrated with a MongoDB database
- Created React frontend styled with Material UI components and CKEditor 5 as a text editor
- Hosted both backend and frontend code using Heroku with build steps

Vacation Home Rental ⧉ | Next.js, PostgreSQL, Prisma
- Developed an online marketplace where users can browse properties and rent their own
- Created Next.js frontend and using built API routes to build a REST API
- Utilised a PostgreSQL hosted using Supabase to store user data and their house listings
- Implemented Prisma ORM to model the data structure and handle database migration
- Utilised NextAuth to handle passwordless and Google OAuth authentication

Cryptowatch ⧉ | React, Tailwind, Firebase
- Developed a real-time Crypto watch-list with the ability for users to favourite coins
- Created React frontend and used Tailwind to apply styles
- Implemented logic to continuously pull data from CoinGecko API and display it on frontend
- Integrated Firebase to handle user authentication and Firestore for user data

TECHNICAL SKILLS

Languages: HTML, CSS JavaScript, Python, Go, TypeScript, SQL
Frameworks: React, Next.js, Express.js, Tailwind, Redux, FastAPI, Flask
Technologies: Git, Node.js, MongoDB, Firebase, PostgreSQL, AWS, Google Cloud, Jest, Prisma, Linux (Fedora)