Hashan Hemachandra

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Software Engineer | React Expert | hashan.dev

PROFESSIONAL EXPERIENCE

Skalafy (Bandarawela, Sri Lanka) - Remote

- **Socialic**   **2024 June – Present**
  - **Job**:
    - Developing a social media management platform that allows users to schedule, publish and analyze their social media posts across various networks like Facebook, TikTok, YouTube, Instagram and Pinterest. It provides tools to manage multiple social media accounts, plan content in advance and track the performance of the post through analytics. Also provide open ai api support for content suggestions.

  - **Responsibility:**
    - State management using Redux and Context API for account management and file upload.
    - Integrating Open AI support for the content suggestion.
    - Social media accounts analytics.

  - **Skills**: Next Js, React, Redux, Typescript, JavaScript, HTML, Tailwind CSS, Prisma, Material UI

Ceydigital Solutions (Bandarawela, Sri Lanka) - On Site

- **ERP - Incrementl, UAE**   **2023 October – 2024 June**
  - **Job**:
    - Developed an Enterprise Resource Planning Application that can manage offers by hotel managers. Manager is redirected to the application using parent CMS (Angular to Next Js) and authenticated.

  - **Responsibility:**
    - Development of the complete front-end of the application.
    - User authentication after redirection.
    - Error handling on the front-end.

  - **Skills**: Next Js, React, Typescript, JavaScript, HTML, Tailwind CSS, Framer Motion
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Proleadsoft USA (San Francisco, California) - Remote

- **CRM - Incube Labs, USA**   **2023 April – 2023 October**
  - **Job**:
    - Developed a Customer Relationship Management Application that can handle patient's diagnostic data by their physicians. Handled four type of administrative level with different types of feature for those levels throughout the application.

  - **Responsibility:**
    - Design Database Architecture.
    - Create automated test cases for a given feature.
    - Full stack development of that given feature.
    - Error handling.
    - Staging server setup.

- o **Skills**: Next Js, React, Typescript, JavaScript, HTML, Tailwind CSS, GitLab, Nest Js, Prisma, PostgreSQL, Swagger, Postman, Linux, EC2, RDS, PM2, JEST

- **ERP - Franz Termite. USA**   **2022 July – 2023 April**
  - o **Job**:
    - ▪ Designed and Developed an Enterprise Resource Planning Application that can manage the process of identifying the job scope and cost estimation for that particular job for a termite control company with different administrative-level users.

  - o **Responsibility:**
    - ▪ Design Database Architecture.
    - ▪ Lead back-end Development.
    - ▪ Lead Automated testing for back-end.
    - ▪ Update Test and Productions Servers.

  - o **Skills**: Remix Js, React, Prisma, Typescript, JavaScript, GitLab, Linux, Tailwind CSS, HTML, PostgreSQL, Postman, VsCode, Vitest, EC2, RDS, S3 Bucket

GeoTechHub, Sabaragamuwa University, Sri Lanka - On Site

- **Full Stack Developer**   **2020 December – 2022 July**
  - o **Job:**
    - ▪ Developed a **GIS application** that can handle geospatial data while maintaining the core conceptsof surveying science.
    - ▪ Utilized an existing geospatial library to create tools that can draw, edit and save geometricfeatures on UI.
    - ▪ Developed a back end that can handle spatial data using a database extension.

  - o **Responsibility:**
    - ▪ Develop the back end to do the CRUD operation of spatial data.
    - ▪ Creating a UI that can show topology maintaining features of Land parcels.

  - o **Skills:** HTML, CSS, Bootstrap, jQuery, Javascript, Leaflet, Openlayers, AJAX, PostgreSQL, PostGIS, PHP

PROJECTS

- ITUM Official Website - **https://itum.mrt.ac.lk/**
  - Tech Stack: PHP, Javascript, Bootstrap, JQuery
  - **Certification**
- Personal Blog - **JStoDev**
  - Tech Stack: Astro Js, React, TypeScript, Tailwind, Markdown, AWS Amlify
- PDF reader ai app - **PDFqueryAi**
  - Tech Stack: Next Js, React, tRPC, Zod, open ai, Prisma ORM, LangChain, TypeScript, Tailwind, AWS Amplify
- Portfolio - **hashan.dev**
  - Tech Stack: Next Js, React, Shadcn-Ui, TypeScript, Tailwind, AWS Amplify

CERTIFICATION

- **AWS Cloud Quest: Cloud Practitioner**
- **AWS Knowledge: Cloud Essentials**
- **AWS Knowledge: Compute**

EDUCATION

- **BEng(Hons) in Mechatronics engineering. 2018-2019**
  De-Montfort University Lecister, UK

- **Diploma in Mechanical Engineering. 2015-2018**
  Institute of Technology, University of Moratuwa, NDT, ITUM