

Emil Sharier S

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PROFILE OF SKILLS

Experienced Full Stack Developer with 2 years of IT experience in Web-Application development with a demonstrated history of working in healthcare and education industry.

Proficient with good analytical, strategic planning and interpersonal communication skills.

TECHNICAL SKILLS

Languages *Javascript, Typescript, Dart, C++*

Web Frameworks/Libraries *ReactJS, NodeJS runtime, Flutter, Astro, MUI design library*

Databases *MongoDB, DocumentDB, DynamoDB, MySQL, Elasticsearch*

Tools/Methodologies *GraphQL, REST architecture, Git, Github Actions, CircleCI, Jest, JUnit, Jira*

WORK EXPERIENCE

Vamstar India Pvt Limited

(Mar 2021 -)

Software engineer

Involved in the core team that developed *MEAT* (Most economically advantageous Tender), which is a framework that permits the user to understand the likelihood of winning a bid.

Converted high-fidelity designs into UI elements in React using state management patterns designed on Figma.

Operated multiple NoSQL databases primarily Elasticsearch, MongoDB, and DynamoDB for storing datasets which are centralised and shaped in a format to enable buyer and supplier intelligence installed at scale.

Involved in 2 major product overhauls. This involved database/schema migrations & design iterations.

Aided in codebase refactoring, peer code reviews & introducing additional coding standards to attain a 'clean' architecture.

Increased reusability across 3 - 4 microservices by following patterns Object Oriented Design/Development, Object Oriented Analysis and Design and Test Driven Development (TDD) patterns at scale

Tech stack - Typescript, ReactJS, NodeJS, Serverless, AWS Lambda, DynamoDB, MongoDB, Cloudformation

Nybula (Previously Navigus)

(Nov 2020 - Feb 2021)

Software engineer intern

Responsible for designing & developing an internal interview & video calling platform to help ease the company's hiring procedures

Got exposure to app deployment & scaling using Nginx, Cloudformation & other services like PM2

Designed wireframes & mockups using Figma & Photoshop

Designed & documented the software lifecycle and its' iterations

Tech stack: Javascript, ReactJS, NodeJS, ExpressJS, MongoDB, Cloudformation, EC2

Prixgen tech solutions

(April 2020 - June 2020)

Application development intern

Responsible for designing & creating a cross platform mobile application

Enabled REST connection with the company's OODOO instances to enable transactions via mobile application for the client

Tech stack - Dart, Flutter

PROJECTS

YTS Browser

A cross platform mobile application to browse through the YTS catalog

Backed by an end-to-end encrypted server that scrapes multiple YTS websites and caches them onto the database

Over 10,000 downloads on playstore [\(Playstore link\)](#)

Tech stack - Dart, Flutter, NodeJS, Heroku

Knotes

A simple & offline cross platform note taking mobile application [\(Playstore link\)](#)

Tech stack - Dart, Flutter

Sambhar

A P2P marketplace for groceries during the Corona lockdown

Created as a part of Cyberdome hackathon conducted by Kerala Police [\(Project link\)](#)

Tech stack - Dart, Flutter, NodeJS, Heroku

EDUCATION

Integrated MCA (Master of computer applications)

Amrita school of arts & sciences, Mysore

Published 2 research papers related to Sentimental analysis & Hungarian law

Represented college in a multi-university South Indian chess tournament

CGPA - 8.2 / 10

COMMUNITIES

Flutter Kerala

Co-founder, Moderator

Responsible for creating the Flutter Kerala community

Hosted multiple competitions which on average had 30 + participants