

DEEPAKK VIGNESH JAYAMOHAN

Graduate Student (MSCDA) at Saint Mary's University, Halifax
Ex-Software Engineer (UI/UX Development)

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DESCRIPTION

Versatile Frontend Developer | Creating SPAs, PWAs & Mobile Apps with React.js, Ember.js, Svelte.js & React Native | Collaborative Team Player | Problem Solver using Web Technologies | Committed to Continuous Learning | Incoming student - MSCDA Fall 2023 |

RELEVANT WORK EXPERIENCE

GEEKYANTS INDIA PRIVATE LIMITED, Bengaluru, India

Oct 2021 – July 2023

Software Engineer

Oct 2021 – July 2023

- Worked with a leading industrial automation firm to develop new features and improve existing features for a Streaming engineering calculation tool created using **ReactJS, Typescript, Redux**.
- Refactored the existing code to improve loading time by 10% and reduce build size by 20%.
- Developed reusable components that can be used across the application in different scenarios resulting in reduction of development time for the new features.
- Developed a React Native Application for both Android and iOS by using **react-native, redux-toolkit, saga, typescript and firebase APIs** during the initial training.
- Mentored interns during their initial training.
- Delivered features executed in **Agile Methodology**.

ZoomRx Healthcare Technology Solutions Pvt Ltd, Chennai, India

Jan 2020 – Sept 2021

Software Development Engineer II

Apr 2021 – Sept 2021

- **Designed and developed** a release management system for updating or downloading the Javascript bundle for Hybrid mobile application built using **Capacitor.js**.
- The Application mainly focused to streamline and standardize CI/CD for Hybrid Mobile Applications.
- The Design Included **end to end workflow for every device, developer and tester, UI/UX design and a schema for Relational Database**.
- Developed 70% of the frontend for the above mentioned application using **SvelteJS**.
- The development included **Single page application, mock-data servers, NPM packages and capacitor plugins**.
- Delivered features executed in **Agile Methodology**.

Software Development Engineer

Jul 2020 – Apr 2021

- Migrated a Hybrid mobile application built using **React.js** and Swift to **Svelte.js** and **Capacitor.js**.
- Developed new features for a Survey Management Web Application Using **Ember.js**.
- Trained freshers in Javascript, SvelteJS, and Development of Single page Application.
- Followed **Test Driven Development** involving creation of test cases before development and developing features to satisfy those cases.
- Delivered features executed in **Agile Methodology**.

Software Development Engineer Intern

Jan 2020 – Jul 2020

- Developed Minor Enhancements and fixed bugs for a survey management portal built using **EmberJS**.
- Increased the automated unit test coverage from 30% to 40% in a month for a survey management portal using **Ember-Qunit**.

TECHNICAL SKILLS

- **Programming Languages:** Javascript, Python, PHP, C, C++, Java
- **Frameworks:** ReactJS, SvelteJS, EmberJS, React-Native
- **Operating Systems:** Linux, Windows, macOS

ACADEMIC PROJECT

Loan and Tender Management Application Using Smart contracts and Blockchain, Final year Project

Aug 2019 – Apr 2020

- Proposed and Developed a Loan and Tender management application based on the case studies from Punjab National Bank Loan Scam.
- Developed a Web application demonstrating Decentralization of important information such as loans and tenders on a blockchain using Proof of Work to achieve Authenticity and non-repudiation.
- **Ethereum blockchain with smart contracts developed using Solidity**, HTML, CSS, Javascript, PHP, MySQL, RSA public key Infrastructure were the technology used in the project.
- Received S grade for the Project work.

EDUCATION

Saint Mary's University, Halifax, Canada

Master of Science, Computing and Data Analytics, Sep 2023 - Dec 2024*

St. Joseph's Institute of Technology, Chennai, India

CGPA: 7.8 / 10

BE, Computer Science and Engineering, Jul 2016 - Sept 2020

- *A member of the college portal maintenance team.*
- *Secured S grade in Programming and Data structures II during third semester*

Sri Sankara Vidyalaya matriculation Higher Secondary School, Chennai, India

Score: 85%

XII Standard (Higher Secondary Public Examination), Jun 2015 - Apr 2016

Sri Sankara Vidyalaya matriculation Higher Secondary School, Chennai, India

Score: 92%

X Standard (Secondary School Leaving Certificate Public Examination), Jun 2013 - Apr 2014

ACHIEVEMENTS

- Won 1st, 2nd or 3rd positions in 10+ coding contests conducted by different colleges across Chennai city.