

VARSHA KARINJE

Portland Oregon

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Career Overview

Graduate of Computer Science with experience working across the full-stack of software development and force.com platform. Seeking a challenging role as a Software Engineering Intern where I can grow and learn from experienced team members

Education

Portland State University

Master of Science in Computer Science

Jan 2022 – Present

Portland, Oregon

Visvesvaraya Technological University

Bachelor of Engineering in Information Science

Jun 2015 – Jul 2019

Mangalore, India

Technical Skills

Languages: Python, Java, C++, C

Web Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, JSON, PHP, React.js, Node.js

Databases: MySQL, PostgreSQL

Salesforce Platform: Apex Programming, SOQL/SOSL, Aura and Lightning Web Components

Developer Tools: VS Code, Eclipse, Salesforce.com, Atlassian Jira

Technologies/Frameworks: GitHub, GitLab, BitBucket, Agile, Salesforce CRM

Coursework: Data Structures, Algorithm Analysis, Front End Web Development, Database Management, Machine Learning

Certificate: Salesforce Platform Developer I, SAFe Practitioner

Operating Systems: Windows, Unix/Linux, Mac

Experience

Office of Information Technology

Infrastructure and Cloud Applications Junior Engineer and Student Assistant

Mar 2022 – Present

Portland, Oregon

- Perform operational tasks involving SAAS applications as Google Workspace, Adobe Sign and Qualtrics
- Develop integrations and process improvements involving infrastructure managed applications
- Analyze and make improvements to team workflows, ticket workflows and documentation

SLK Software

Software Engineer

Oct 2019 – Dec 2021

Bangalore, India

- Developed a lightning application for Emerson Machine Automation System Team as a Salesforce platform developer
- Built a community and partner portal for Emerson internal users and partners using service cloud and sales cloud
- Have knowledge and exposure in developing applications using APEX, Visual Force, Trigger, JavaScript, SOQL

Projects

Skin cancer detection and classification using Machine Learning | *Python, Anaconda Jupyter Notebook* **June 2022**

- Used the CNN model with concepts of Image Processing and Machine Learning to detect cancerous cells and distinguish between Benign and Melanoma
- Simplified the training approach and reduced the model complexity to prove the predictions of 82-90 percentage in the revised algorithm

BigBoard | *JavaScript, React, NodeJS, VS Code*

March 2022

- Developed a web application that shows the stock market data for various companies
- Integrated a dashboard where a company's stock market data is displayed using the Finnhub API
- Presented the company's stock price pattern over a period of time and the recent news on the webpage for the company

Loan prediction for commercial bank | *Python, HTML, CSS, Anaconda Jupyter Notebook*

June 2019

- Designed a modeling system which predicts whether a loan can be granted to the customer using Random Forest Machine Learning prediction algorithm
- Processed user inputted information in the back-end of the app to return the prediction made by the model whether the user can be granted with loan or not

Student marks analyzer | *HTML, MySQL, PHP, XAMPP*

Dec 2018

- Presented a database application which gives brief idea for a student on how much he has to score in the externals based on his internal marks to obtain a particular grade and also gives the SGPA for every semester along with the CGPA
- Used XAMPP to test and verify the working of the application