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WORK EXPERIENCE

Health Level Inc. – Mountain View, CA May 2019 - Dec 2019

Software Engineer Intern (JavaScript, jQuery, TypeScript, Node.js, Ionic, High Charts, SQL, ETL, AWS, Azure)

- Developed on a distributed web and mobile based data analytics platform for hospitals across the United States.
- Created an insightful report UI to convey results of data analysis to stakeholders to support business decisions, thereby increasing the forecasted revenue by 30%.
- Configured the Extract Transform Load (ETL) data pipeline to load data and streamline the onboarding process for clients.
- Automated the transfer of customer data by developing an edge device windows service by integrating Azure and AWS.
- Implemented an encrypted deep link generation module for easy sharing of reports across authorized users of the product.

Cognizant Technology Solutions – Pune, India

Sept 2015 - May 2018

Programmer Analyst (JavaScript, jQuery, Bootstrap, AngularJS, SQL, AppDynamics APM)

- Developed and maintained scalable web applications for Corporate and Physical Security teams in India and United States.
- Created a batch job for analysing the reported spams and notifying the associates improving CSIRT response by 77%.
- Wrote stored procedures in SQL to integrate back-end web services used by upstream and downstream web applications.
- Actively participated in Agile/Scrum ceremonies for sprint planning, brainstorming, knowledge sharing and retrospection.

San Jose State University – San Jose, CA

Jan 2019 – May 2020

Web Developer Assistant (HTML5, CSS, JavaScript, Adobe Suite, Web Content Management System)

- Migrating, designing, and overhauling university departmental websites to support new responsive design.
- Designed, developed, and maintained campus website. Revamped web pages to improve navigation for staff and students.

EDUCATION

Master of Science - Computer Engineering (GPA – 3.64/4.00)

Aug 2018 - May 2020

San Jose State University, California

Bachelor of Engineering - Electronics and Telecommunication

Aug 2011 - May 2015

Savitribai Phule Pune University, India

PROJECTS

Cloud based Smart Clinical Report

(Health Level)

Developed a responsive visualization frontend report and a Node.js project to export as PDF using puppeteer library for Headless Chrome. Wrote stored procedures and API's to fetch latest clinical information into this report.

Azure to AWS - Edge Device transfer utility for ETL data pipeline

(Health Level)

Automated the task of transferring the customer data by setting up the edge device in hospital servers.

Built a windows service to load files from Azure file share and upload to Amazon S3 thereby improving efficiency by 80%.

Smart Card Access Management System

(Cognizant)

Enhanced the back-end services for multiple access requests based on city or campus which significantly reduced the processing time and SLA ticket volume by 70%. Used AppDynamics to monitor the web application requests and improve overall efficiency.

Spam Reporting Tool

(Cognizant)

Implemented a data visualization dashboard with graphs using Canvas JS to categorize spams based on various trends.

Functionality to send out notifications to the CSIRT team and security groups using LDAP.

Portfolio with Google Analytics and Responsive web design - <https://vedantbhoj.com/>

Created my portfolio using AngularJS and Bootstrap for responsiveness. Added some features like WordPress for my blogs and Google Analytics to track audience. Created a contact form to send/receive email acknowledgment with attachments.

Cross Domain Enterprise Online Marketplace - <https://marktplatz.vedantbhoj.com/>

(SJSU)

Developed a marketplace with easy checkout, search, reviews, email notifications and Google, Facebook sign-in integration.

Blockchain based Vehicle Service Management System (Research)

(SJSU)

Technology stack: (Node.js, React.js, Express, AWS, Ethereum, Truffle, Web3.js, Chart.js, REST API, NoSQL)

End to end Car Management with service prediction using MERN stack. Blockchain and Data Analytics to improve security and efficiency. Ethereum is being used for security and decentralized platform for implementing Blockchain.

SKILLS

Programming: JavaScript, TypeScript, C#, JAVA, Python

Databases: MySQL, Microsoft SQL Server, MongoDB

Versioning / Deployment: Git, JIRA, Confluence, CI/CD

Cloud: Amazon Web Services, Microsoft Azure

Services / Tools: IIS, LDAP, Postman, Fiddler, AppDynamics APM, Google Analytics, Extract Transform Load (ETL)

Web Technologies: HTML, CSS, jQuery, AngularJS, ReactJS, Node.js, Express.js, Ionic, MVC, Distributed systems, AJAX, JSON, XML