Kaustubh Pimparkar

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Relevant Experience

Full Stack Intern @ InProspect Technologies

Nov 2020 – Feb 2021

▷ Developed an ERP system using VueJS with Vuex as state manager and Vuetify as design framework.

▷ Designed and programmed production quality REST API's using ExpressJS.

▷ Integrated Zoom Video Conferencing solution using Zoom's REST API's.

Software Engineer @ Union Bank of Switzerland

July 2019 – July 2020

▷ Engineered and maintained Transaction and Performance processing with Checkfree's Global Investment Manager (GIM) system.

▷ Designed processes using database programming and shell scripting to do various tasks in the system, including Account Conversion, Performance Scheduling, Sub-Accounting.

▷ Designed Autosys Schedules for multi-database GIM System.

▷ Developed Automation Bots using UiPath to automate the UI HealthCheck of Banking Applications.

Software Intern @ Ethosh Digital

June – July 2018

▷ Developed a voice feedback chatbot integrated in a web page using IBM Watson assistant (Bluemix) on a node server.

▷ Designed complex dialogue for Watson assistant based on user input intents and extracted entities.

▷ Hosted the application on IBM cloud to ensure security and scalability of the application.

▷ Interacted with CEO of the company on a weekly basis, providing technological expertise and knowledge.

Projects

Deep Learning Project @ Vishwakarma Institute of Information Technology

Aug 2018 – Jun 2019

▷ Designed and developed a Deep Neural Network for text document classification.

▷ Used text-mining technique Tf-Idf, stemming and tokenization of texts to create a bag of words.

▷ Used bag of words to train DNN with mini-batch Gradient Descent using back propagation as a gradient computing technique.

Scooter Pooling @ MindSpark Hackathon

June – Sept 2017

▷ Collaborated with a team of five to design and develop scooter pool web application that would reduce traffic and control pollution.

▷ Architected and implemented the database of the application using Firebase Real-Time Database.

▷ Contributed extensively to devise and integrate a modified version of Graham Scan algorithm for user coordinates mapping and clustering.

Skills

Programming Languages C++, Python, JavaScript (ES6), HTML, CSS/Sass, PHP

Libraries & Frameworks
jQuery, ReactJS, VueJS, Node.js, Express Vuetify, Vuex

Tools & Platforms
Git, Heroku, Firebase, UiPath

Education

Santa Clara University, Santa Clara, CA
GPA 4.00 / 4.00

Expected March 2023

Master's in Computer Science and Engineering

Relevant coursework: Operating System Computer Networks

University of Pune, India
GPA 3.71 / 4.00

June 2015 – June 2019

Bachelor of Engineering in Information Technology

Relevant coursework: Data Structures, Design and Analysis of Algorithms, Database Management Systems, Software Engineering, Machine Learning, Web Development.

Publications

Internet Voting System based on modified elliptic curve cryptography - 2017

P1202-1209.pdf (conferenceworld.in)

Document Management using Artificial Neural Network - 2019

https://ieeexplore.ieee.org/document/9002062

Interests

RTS Gaming, EDM, Hiking Travelling