

Vrushab Hanumesh

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EDUCATION

Indiana University Bloomington, Bloomington, Indiana

August 2021 - May 2023

Master of Science in Computer Science

CGPA: 3.88/4

Coursework: Artificial Intelligence, Applied Algorithms, Data mining, Software Engineering, Elements of AI, Machine Learning.

JSS Science and Technology University, Mysuru, India

August 2016 - August 2020

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.95/10

CERTIFICATION AND SKILLS

- **Certifications:** React - The Complete Guide (Hooks, React Router, Redux), Machine Learning A-ZTM, The Complete Web Developer
- **Programming Languages:** C, C++, Python, Java, PERL, JavaScript, SQL.
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, query, Ajax, AngularJS, ReactJS, NodeJS, Express JS.
- **Tools and Frameworks:** Git, Bitbucket, JIRA, Splunk, AWS.
- **Databases:** Oracle SQL Workbench, PostgreSQL, MySQL, Microsoft Access, MongoDB, SQL Lite, Neo4J.

PROFESSIONAL EXPERIENCE

Qualcomm, Bengaluru, India

June 2020 - May 2021

Programmer Analyst

- Designed and developed a client project using the Load Share facility which **enhanced resource sharing by 30%**.
- Analyzed the raw data from the hardware team by extracting the data and retrieving the necessary information by writing queries and **visualized that data on Splunk**.
- Resolved the User Tickets from the Hardware team **every sprint** and resolved them by coding snippets in PERL.
- Restructured the LSF project **by recoding the 10-year-old code** which was written in legacy programming language (PERL).

Qualcomm, Bengaluru, India

January 2020 - June 2020

Interim Intern

- Developed the UI for an AWS Resource Dashboard using technologies like ReactJS, JavaScript, and Bootstrap, **which saved the team approximately \$3000 every month on resources**.
- Restructured the backend for the ERP project using Node Threads and tested it on Postman for response thus facilitating process running on multiple threads resulting in decreased **runtime of each process by 5 secs**.
- Collaborated with a sub-team for an Angular project for CPM to reduce **the code redundancy by 30%**.

ACADEMIC PROJECTS

FLASHSHIP

Apr 2022

Technologies: React, NodeJS, Express JS, MYSQL, AWS cloud9, Google Auth, Duo Authentication.

- Successfully deployed a Delivery Management System, enabling customers to conveniently ship goods from any location to another.
- Optimized the backend performance by leveraging NodeJS and implementing API calls to fetch user data, **which led to a 25% reduction** in data rendering time from the database, resulting in faster response times and improved user experience.

DEEP DREAMING AND ARTISTIC STYLE TRANSFER

Apr 2019

Technologies: Convolutional Neural Nets, Tensor-flow, Jupiter Notebook.

- Built a Convolutional Neural network using Artistic Style Transfer which makes use of an inception network in deep learning to build a hallucinating appearance of a given base image.
- Published findings in <https://www.ijtre.com/images/scripts/2020080104.pdf>

PG FINDER USING GOOGLE MAPS API

Dec 2018

Technologies: HTML, CSS, JavaScript, NodeJS, Express JS, MYSQL, Cloud9, Google Maps API.

- Implemented a full-stack web application that enables students to search for Paying Guest accommodations near their college based on various criteria such as price, availability, and distance.
- Engineered the website layout and integrated the Google Maps API to display the location of each Paying Guest accommodation on the map. Optimized the API performance by utilizing JSON input and reducing the load time by 4 seconds, resulting in a more seamless user experience.