DHEERAJ HIREMATH

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Education:

Northeastern University, Boston, MA **August 2021**
Master's in computer systems Engineering **GPA: 3.53/4**
Relevant Course: Object Oriented programming, Data Structures & Algorithms, Data Networking, Connected Devices.

B V Bhoomaraddi College of Engineering & Technology, Hubli, India **June 2017**
Bachelors in Automation & Robotics
Relevant Course: Robotics, Database Management Systems, Engineering Computation using Python, Mobile Robots & Image Processing, Microcontrollers, Machine Learning, Real Time Embedded Systems

Work Experience:

Associate Software Engineer | Accenture India | Bangalore, India **November 2017 – July 2019**

- Creating and delivering real time data to be implemented on telecommunication services ranging from customer details to communication equipment details offered by TELUS across various regions of Canada utilizing MySQL
- Commissioned & decommissioned equipment to be deployed for different services, across test environments
- Appraised in release management of monthly deployments of new feature across TELUS website
- Awarded ***Top Performer*** for increasing efficiency in data delivery time by 27% in FY19, Accenture Technology
- Appointed as ***Off-Shore Prime-TDM –*** for Falcon project, Clients -TELUS telecommunications

Technical Skills:

Programming Languages:	Java, Python, C, JavaScript
Web Technologies:	HTML, CSS, React, Redux, Node.js, Django
Databases:	MySQL, DynamoDB, Redis
Version Control:	Git, Bitbucket
Tools:	AWS, Net Beans, Toad, MATLAB, My SQL Developer, Raspberry pi, Eclipse, Ubidots
Networking Skills:	TCP/IP, UDP, DHCP, Firewall, VLAN, OSPF, Cisco Packet Tracer, MQTT

Projects:

Video Browser App | React.js, JavaScript, Axios, YouTube API **May - 2020**

- Built a Video Browser App using React.js & JavaScript, implementing all life cycle methods
- Integrated YouTube API provided by google developer tools
- Asynchronous HTTP request to REST endpoints was made using Axios
- Implemented Semantic UI Framework for frontend styling for light weight user experience

Smart Variable Speed Governor | Amazon Web Services, Python, Ubidots, RESTful API, DynamoDB **April- 2020**

- Created a Smart Variable Speed Governor App, the server publishes permitted speed to Amazon Web Services using MQTT protocol. Email is broadcasted for the same using AWS - SNS
- The speed limit is set based on the data obtained from RESTful open weather API using AWS- IOT core rule
- The Performance App/ Front End is developed using Ubidots
- The Data is continuously written onto DynamoDB using AWS Lambda Function

Daycare UI | Java, NetBeans, MVC**,** Eclipse **December 2019**

- Created Daycare UI as a part of semester project for java. ***Model View Controller*** (MVC) pattern was implemented
- Developed front-end using Java Swing, Used ***SQLite with JDBC API*** to store data
- Served as spokesperson of project, forged front end using Java swing concepts in Eclipse

Network for a Corporate Organization **November 2019**

- Designed and Implemented multi-location network for a small organization using ***Cisco Packet Tracer***
- Assimilated ***OSPF*** as Routing Protocol. VLAN was implemented in each sub-department across network
- Incorporated ***Frame Relay*** to improve the data rate. Used IP address Subnetting to avoid wastage of IP addresses

Achievements:

- Received *Leadership Award* for serving *as Human Resource Development Secretary*, University Council
- Secured 4th position in *ASIA largest Electric Solar Vehicle Championship -ESVC* in Bhopal, India
- Presented idea of *Variable speed governor* at KPIT sparkle and achieved promising innovator tag