

Naveen Umesh Badiger

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<https://github.com/Naveenub/resume/blob/main/Resume%20Technical.pdf>

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## **Objective:-**

Dedicated and results-driven Technical Associate with 2 years of experience in networking concepts, troubleshooting, software package testing, hardware and software debugging, scripting, API integration, cloud integration, SQL, database migration, Linux administration, JIRA management, and programming languages such as C and Python. Possess a solid foundation in electronics and communication, coupled with practical experience in technical support and engineering roles. Seeking to leverage expertise and skills to contribute effectively to a dynamic team environment.

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## **Technical Skills:-**

- Networking Concepts
  - Basic Troubleshooting
  - Software Package Testing
  - Hardware and Software Debugging
  - Scripting (Bash scripting and shell programming)
  - SQL
  - AWS cloud
  - API Integration(REST & SOAP), API Protocols (HTTP/HTTPS, MQTT)
  - Database (MySQL, PostgreSQL, Oracle SQL, Microsoft SQL)
  - Linux Administration
  - JIRA Management
  - Programming Languages: C, Python
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## **Work History:-**

Technical Associate Engineer  
ZKTeco Biometrics Pvt Ltd, Bangalore  
Time Period: Oct 2022 – Present

## **Projects:-**

### **1. SoftwarePackageTestingProject:**

- Conducted comprehensive testing of software packages to ensure functionality, reliability, and performance.
- Developed and executed test cases, documented results, and reported issues for resolution. Collaborated with development teams to improve product quality and user experience.

## **2. Hardware and Software Debugging Project:**

- Identified and resolved hardware and software issues through systematic troubleshooting and debugging techniques.
- Utilized diagnostic tools and methodologies to isolate and rectify hardware and software failures.
- Implemented solutions to enhance system stability and optimize performance.

## **3. API Integration Project:**

- Integrated third-party APIs into existing systems to enable seamless communication and data exchange.
- Developed custom API endpoints and protocols (REST, SOAP) to facilitate integration with external platforms and services.
- Ensured compatibility, security, and reliability of API integrations through thorough testing and validation.

## **4. Cloud Integration Project:**

- Orchestrated the migration of on-premises applications and data to cloud-based platforms.
- Implemented cloud integration solutions to leverage scalability, flexibility, and cost- efficiency benefits.
- Configured and optimized cloud environments to meet performance and security requirements.

## **5. SQLDatabase Migration Project:**

- Managed database migration projects involving various databases (MySQL, PostgreSQL, MongoDB, SQL Server). - Planned, executed, and validated migration processes to ensure seamless data transfer and integrity.
- Implemented optimization strategies to improve database performance and resource utilization.

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## **Education:-**

### **Bachelor of Engineering**

Electronics and Communication

Kls's VishwanathRao Deshpande Institute of Technology, Haliyal

Period of Study : July 2019 to July 2022

Percentage : 71.2%

CGPA : 7.52/10

### **Diploma**

Electronics and Communication

K H Kabbur Institute Of Technology, Vidyagiri, Dharwad

Period of Study: July 2015 to Dec 2018

Percentage Secured: 73.52%

## **Education Projects:-**

### **Design of VLSI System and Verification of Digital Circuits using Cadence Virtuoso Simulation Tool**

**May 2021 - Aug 2021**

- Collaborated in a team of four to design a low-power ASIC for IoT devices, focusing on the physical design aspects including floor-planning, placement, and routing using Synopsys tools.
- Conducted extensive timing analysis to ensure that the chip meets the critical timing requirements, applying techniques learned in coursework.
- Performed DRC and LVS checks to ensure the design adheres to foundry rules, resulting in a design ready for fabrication.

### **University Project: IoT based Industry Security Automation using Raspberry-Pi**

**Oct 2021 – Feb 2022**

- Implemented Raspberry Pi board with Wi-Fi module as an embedded device for sensing and storing the data in cloud.
  - Implemented the embedded system with its components for reading and to store the pollution parameters in cloud.
  - After sensing the data from different sensor devices, which are placed in particular area of interest. The sensed data will be automatically sent to the web server, when a proper connection is established with server device. By entering IP address of server which is placed for monitoring we will get the corresponding web page.
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## **Internship:-**

Haegl Technologies Pvt Ltd, Dharwad

Specialization: Artificial Intelligence And Internet Of Things

Period: 01<sup>st</sup> September 2021 To 30<sup>th</sup> September 2021

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## **Certificates:-**

1. Introduction To Internet Of Things
  2. Internet of Things with Python Programming
  3. Fundamentals of Network Engineering
  4. Complete Linux Training with Troubleshooting
  5. Bash Scripting and Shell Programming
  6. AWS Technical Essentials
  7. Advanced Testing Practices Using AWS DevOps Tools
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## **Course:-**

1. Introduction of Network and Network security (Udemy)
2. AWS Fundamentals (Coursera)
3. DevOps on AWS Specialization (Coursera)