

HARISH KUMAR V

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WORK EXPERIENCE

Staff Consultant	Oracle India, Hyderabad, India	August 2022 - Present
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Oracle Database and Applications

- Working as Staff Consultant of the **Technical Operations** team of **Oracle Energy and Water** for **Australia's largest, government-owned electricity company**.
- Responsible for **Technical Support Operations** such as Upgradation, Installation, Patching, Package Deployments, User Creation and Maintenance of **Oracle Database** and **Oracle Applications** such as CCB(Customer Care and Billing), MDM(Meter Data Management).
- Worked on user and storage management in **Oracle Cloud Infrastructure** and **AWS**.
- Configured **Log monitoring** tools such as **Elasticsearch**, **Kibana**, **Filebeat** and **Metricbeat** for various environment instances.
- **Awards:** Recipient of **Innovation Excellence** award of **Oracle GDCH ERP Awards for FY23 Q3**.

Developer Student Intern	Oracle India, Hyderabad, India	January 2022 - July 2022
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Oracle Database and Applications

- Worked in the **Technical Operations** team of **Oracle Energy and Water**.
- Implemented automated **Server Instance monitoring** modules for Disk Usage, Application Status, Environment Status, Application Backups, Inventory Management, Certificate Expiry, Database Backups using **Shell Script**, **Python** and **Oracle APEX** for health check and monitoring purposes.
- Developed scripts for automated health checks of **WebLogic** servers using **Selenium Webdriver**.
- **Awards:** Recipient of **Young Excellence** award of **Oracle GDCH ERP Awards for FY23 Q2**.

Student Intern	ICU Medical, Chennai, India	June 2020 - December 2020
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Embedded Software

- Worked in the **Embedded Testing Team**.
- Wrote quality test cases and scripts for automated testing of the product using the **Pytest** framework.
- Modified existing code to replace problematic functions with optimized content.

Summer Intern	Norwood Technologies, Chennai, India	May 2019 – June 2019
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- Worked in the Development team of the product Video DoorBell.
- Added a functionality which helps in providing snapshot in real time, this module is an extension to the product.
- This module is developed in **Python** which uses **MQTT** protocol for communication in real time through **pub/sub messaging**.

EDUCATION

Tamil Nadu, TN	PSG College of Technology	June 2017 – May 2022
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- M.Sc., in Software Systems, **CGPA: 8.11**
- Undergraduate Coursework: Operating Systems, Computer Networks, Databases, Algorithms, Data Visualization, Machine Learning, Social Network Analysis.

PROJECTS

- [Xtreme 11](#) (2020). **E-Auction** site for IPL 2020 Players. The site uses **xhrPolling** (socket.io) to maintain real-time communication between the bidders in a particular room.
- [Feature Selection](#) (2020). **Forward-Backward** feature selection by **early dropping**. Implementation of the paper published by **Journal of Machine Learning Research** in 2019.
- [Netstack](#) (2020). An **Python** application which provides a set of features which helps in getting status and information about the network to which the device is connected.
- [BeyondthePavilion](#) (2020). A forum where everybody can post their views related to sports, a full-stack application developed using **MERN** stack.
- [Streamty](#) (2020). A web application which offers one on one video calling developed using **WebRTC**, **React** and **Node.js**.

SKILLS

- **Languages:** Python, JavaScript, C++, Bash, Java, C, SQL, REST, Go
- **Frameworks:** Node, ReactJS, Pytest
- **Databases:** Oracle, MongoDB, Redis Store
- **Administration:** Linux, Oracle Database
- **Tools:** Elasticsearch, Kibana, Filebeat, Metricbeat, Selenium

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2022 Certified Foundations Associate** and **Oracle Cloud Infrastructure 2022 Certified Architect Associate**.
- Harvard ManageMentor **Business Plan Development** by **Harvard Business Publishing**.
- **Cybersecurity Compliance and System Administration, Network Security, Database Vulnerabilities, Operating System Security** courses by IBM in Coursera.

ACHIEVEMENTS

- Ranked among **top 100** candidates nationally in **ACM Coding Contest** 2020.
 - Ranked among **top 300** candidates in **Credit Suisse Global Coding Challenge** 2020.
 - Secured **Second** place in a coding challenge organized by **Scalar Academy** in March 2020.
 - Organized **Thiran**, an intra college coding event in 2018.
 - **Student Body Representative** in school leading over 1000 students.
 - Secured **2nd** grade in **Thulir**, a student scientific talent test held in 2011, 2012 and 2013.
 - Secured **Runner** position in **Table Tennis** Zonal Tournament.
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