Sri Harsha Mullapudi

Digital Specialist Engineer | Cloud Backend Developer | Node.js & AWS Specialist

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# EXPERIENCE

Digital Specialist Engineer ***October 2021 – Present***

Infosys Hyderabad, India

* Engineered and maintained Unified ETA, a distributed systems application for Toyota Motor North America, tracking every vehicle's journey from factory to dealer; ensuring accurate updates and estimated arrival dates, resulting in streamlined logistics and improved customer satisfaction.
* During the development of this application, I leveraged a variety of technologies and services. I coded in TypeScript and Node.js, used PostgreSQL as the database, and implemented CI/CD for continuous delivery using Jenkins, JFrog Artifactory and XL Release. I also utilized AWS services such as Lambda, SQS, and kafka.js to enhance the functionality and performance of the application.
* Notably, I spearheaded the creation of new environments in sub-production, coding in Terraform and serverless to facilitate infrastructure as code (IaC), further optimizing deployment processes and system scalability.
* Recognized for Engineering Excellence: Received several accolades and an award for engineering excellence for key contributions, including the implementation of PostgreSQL transactions for processing vehicle events to avoid data corruption, and the development of a new algorithm to process events based on several parameters, thereby increasing vehicle ETA accuracy.

**Full Stack Developer, Internship *February 2021 – September 2021***

Arum Innovations Pvt. Ltd Kakinada, India

* Developed and implemented an innovative solution for streamlining experience certificate management. I created an admin panel and web application with features such as:
  + Secure two-level access control and editing of employee records and certificate templates, each with a unique certificate number.
  + Publicly accessible Front-End web application hosted on the company domain to confirm the authenticity of the experience certificates.
* It reduced time and costs by 60% for creating internship certificates, while also enhancing their security and authenticity to prevent fraud.
* I utilized various web technologies and services, including HTML, CSS, JS, Bootstrap, PHP, phpMyAdmin, MySQL, and Docker, to develop and deliver these applications.

# EDUCATION

Anil Neerukonda Institute of Technology & Sciences **–** Andhra University ***July 2017 – June 2021***

Bachelor of Technology – BTech, Computer Science Visakhapatnam, India

Cumulative GPA: 8.43/10 • First Class with Distinction

**SASI Junior College *June 2015 – March 2017***

Higher Secondary Education – Intermediate, M.P.C Velivennu, India

Marks: 967/1000 • Equivalent GPA: 4.0/4.0

**SASI E.M High School *June 2015 – March 2017***

10th Class – Board of SSC Velivennu, India

GPA: 9.7/10

# PUBLICATIONS

* Santoshi G. (Asst Prof.), Srinivas Y. (Prof), & Sri Harsha M. (2022). *Implementation of Automatic Detection of Text from Complex Images and Converting to Semantic Speech*. Lecture Notes in Networks and Systems, (Vol. 341), pp. 731-738. Springer, Singapore. <https://doi.org/10.1007/978-981-16-7118-0_62>
* Presented the research at ICRTC-2021, the 9th International Conference on Recent Trends in Computing, Delhi. The paper underwent a rigorous peer-review process and was published in January 2022, reflecting its significant contribution to the field.

# HONORS AND AWARDS

MERIT SCHOLARSHIP ***July 2017 – June 2021***

Issued by State Government of Andhra Pradesh, India Visakhapatnam, India

My rank of 4998 (Top 2%) in AP State EAMCET 2017 Entrance Exam earned me a full scholarship from the state government which covered my full tuition and living expenses for the duration of my BTech course.

RISE INSTA AWARD ***November 2023***

Issued by Infosys Ltd Chennai, India

I was awarded the RISE INSTA award by Infosys for my remarkable contribution to the Unified ETA project for Toyota Motor North America.

# OTHERS

* **Primary Skills**: Node.js, JavaScript, TypeScript, Kafka.js, Restful API, PostgreSQL, AWS, Terraform and Serverless Applications Development, CICD DevOps – GHA, JFrog Artifactory, XL Release, Docker, Git.
* **Technical Skills (other)**: MySQL, Python, PHP, C, C++, Java, Docker, Jenkins, DBMS, Data Structures and Algorithms, MERN Stack.
* **Certifications & Training:** Trained and Certified by Infosys in MERN Stack Development, Cloud Professional, CICD - DevOps, Agile Methodologies and Open Chain Practitioner.
* **Languages**: English (fluent), Telugu (native)

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