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)