

# AMARESH GOSHIKA

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## Education:

- Lamar University, Beaumont, TX:** *Master of Science in Computer Science* **Jan 2022 - May 2024**  
*Awarded merit scholarship for Graduate Program*
- JNTU Sulthanpur, Hyderabad India:** *Bachelor's in computer science* **July 2018 - June 2021**  
*Built an application for University Canteen*
- GIOE, Hyderabad India:** *Diploma in Computer Science* **June 2014 - June 2017**  
*Awarded IOT championship from Indian Tech Group*

## Technical Skills

- Programming:** Java, Spring Boot, ASP.Net, Python, C#, JavaScript (ES6), JSON, J2EE, PHP, TypeScript, C/C++.
- Frontend:** HTML 5, Tailwind, Bootstrap, CSS 3, React.js, AngularJS, NodeJS, Redux.
- Backend:** Java EE, Microservices, Node.js, Express, Junit, Maven, Gradle, GraphQL.
- Databases:** Amazon RDS, DynamoDB, MySQL, PostgreSQL, MongoDB, NoSQL, MS SQL Server, Firebase.
- Tools and Methodology:** Firebase, Jenkins, Splunk, Jira (Agile and Scrum), Docker, Kubernetes, Git, SonarQube.
- API:** RESTful API, SOAP API, Express.
- AWS:** EC2, Lambda, S3, CodePipeline, CodeBuild, Route 53, CloudWatch, Terraform, Glacier.
- Testing:** Gherkin, Cucumber, Junit, Nunit, Mocha, Selenium, Mockito,

## Work Experience

- Associate Software Engineer | Goldman Sachs, Salt Lake City, UT** **June 2025 – Present**
- Migrated trade publishing templates from **MongoDB** to **GitLab** repositories, enabling centralized version control and improving deployment reliability by **75%**.
  - Refactored core services to fetch configuration and template data directly from **Git-based source control**, reducing manual database dependencies and cutting template-related production issues by **30%**.
  - Collaborated with 10+** internal trading and operations teams to **verify daily trade publishing status, ensuring 99.9% accuracy in trade visibility and reporting.**
  - Coordinated with upstream and downstream teams to ensure seamless **trade lifecycle processing**, supporting **high-volume daily trade flows** across multiple asset classes.
- Full Stack Developer | RL Carriers, Wilmington, OH** **Aug 2023 – June 2025**
- Designed scalable RESTful APIs** to support microservices architecture, enhancing system **interoperability by 35%**.
  - Implemented OAuth 2.0 authentication** for secure user access, increasing application **security compliance by 40%**.
  - Monitored performance metrics** and optimized server response times using **Splunk** and **New Relic**, leading to a 30% improvement in system performance.
  - Collaborated cross-functionally** with UI/UX teams to deliver user-centric interfaces, improving customer satisfaction ratings by 25%.
  - Automated CI/CD pipelines using Jenkins and Docker, **reducing deployment times by 45%** and ensuring consistent builds across environments.
  - Migrated legacy monolithic applications to microservices-based architecture on AWS, resulting in a 50% increase in deployment flexibility and fault isolation.
- Software Engineer | NTT Data, Hyderabad, India** **Dec 2020 – Dec 2021**
- Improved development **efficiency by 20%** through contributions to design, development, testing, and integration.
  - Developed & maintained web applications using **JavaScript, HTML5, CSS3, and Angular**, ensuring responsive and user-friendly interfaces.
  - Architected complex database structures using **SQL, MySQL, PostgreSQL, and MongoDB**, enhancing data storage and retrieval efficiency by 30%. Leveraged **SQL Developer** and other tools to create and execute queries, **stored procedures, and triggers.**
- Jr. Software Engineer | Electronic Corporation of India Limited, India** **June 2017 – June 2018**
- User-friendly UI enables direct invoice access and download, leveraging **PHP** and **Bootstrap**, reducing **processing time by 50%**.
  - Implemented validation and testing procedures, cutting **API failures by 40%** and boosting data **integrity by 25%**.
  - Developed a web application for the Maharashtra Sales Tax Department, systematically organizing and digitally archiving over 10,000 documents into a structured database for improved accessibility and management.

## Project Experience

- Meeting Summary Generator | NLP, Django, NLT Kit, Python, Deep Learning, HTML, Bootstrap**
- MSG takes the audio as input in any format and converts into WAV format audio using Google API, which leverages AI technology to convert to text with 99.8% accuracy.
  - This text undergoes Tokenization, Stemming, and Lemmatization using AI algorithms to provide 100% accurate summarized text. With the use of MIME Multipart, recipients received summarized text through emails.
- Maharashtra Sales Tax Department | PHP, MySQL, Tailwind, cPanel, Jira**
- Achieved 100% digitalization of hard records in ECIL by crafting an intuitive user interface, facilitating data retrieval through diverse fields. This access led to a 40% increase in efficiency and bolstered process documentation.