# ESHWAR REDDY THUMMALA

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Tempe, Arizona - United States

## EXPERIENCE

**Virtualness, USA LLC** 🌐    *May 2024 - Present*
*Backend Engineer*    Las Vegas, USA (Remote)
- Researched and developed new credentials platform which aligns with Verifiable Credentials specifications.
- Integrated LinkedIn to Virtualness for sign up and sign in features.
- Built analytics system by creating and updating fact tables using job schedules and APIs to access them.
- Developed backend features using Django and AWS S3 for bulk resource creation and management.
- Developed a new framework to manage asynchronous task workflows using Celery and Redis Queue.
- Worked on MySQL(AWS) with Django DB libraries to enable users to manage custom settings in their accounts.
- Researched and documented innovative blockchain solutions to expand the organization's product offerings across various industries.

**Tata Consultancy Services** 🌐    *July 2021 - July 2023*
*Software Engineer*    Hyderabad, India
- Utilized React-Redux framework to create adaptive web pages rendered based on JSON data from SpringBoot APIs.
- Developed SpringBoot REST API functionalities, incorporating a new endpoint to retrieve and manage intricate customer information from nearly 5 underlying legacy API systems and databases using SQL.
- Increased team productivity by 50% & recognized as one of the top 1% of technical resources.
- Led a team in technical capacities, earning a special initiative award for exceptional leadership.

**Cognizant Technology Solutions** 🌐    *Feb 2021 - June 2021*
*Programmer Analyst*    Hyderabad, India (Remote)
- Developed Java Spring Boot APIs to retrieve and manage data from the underlying database.
- Designed and built database tables to organize and efficiently store data in MySQL.
- Created a user interface using React and Bootstrap, integrated with Spring Boot APIs.

## SKILLS

- **Frontend:** HTML, CSS, JavaScript, React JS, Redux, Bootstrap, Tailwind, Material UI
- **Backend:** Python, Django, Flask, Java, Spring Boot, C, C++
- **Database Systems:** MySQL, Oracle, Postgres, MongoDB
- **Others:** AWS, Git, Git CI/CD, Celery, Kafka, Grafana, Kibana, Jira, Power BI, Tensorflow, Android

## PROJECTS

**Social Media Insights Engine: Filtering social media posts**    *Spring 2024*
*Tools: Python, JSON, Flask, React, Font Awesome, Bootstrap* 📄
- Developed a social media filtering functionality utilizing Flask for the API and React for the frontend UI, allowing users to apply various filters to social media creator profiles fetched from a JSON file.

**File Text Append: AWS-Powered Full Stack File Data Append App**    *Spring 2024*
*Tools: EC2, Lambda, S3, Gateway API, React, Tailwind CSS* 📄
- Developed a full-stack web application with file append functionality, leveraging AWS services like Cognito, EC2, Lambda, API Gateway, S3, and AWS CDK for backend infrastructure management.

## EDUCATION

**Arizona State University**    *Tempe, Arizona, USA*
*Master of Science, Computer Science*    GPA - 4/4
**Anurag Group of Institutions**    *Hyderabad, India*
*Bachelor of Technology, Computer Science*    GPA - 3.9/4

## ACHIEVEMENTS

- Secured New American University and Merit scholarship in masters and undergrad respectively.
- Earned star of the month, special initiative award at Tata Consultancy Services.
- Recognized for technical excellence at Tata Consultancy Services.
- First runner-up in Inter College Python and C coding competitions.