

# Shravani Pinjarla

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Linkedin

## EDUCATION

### New England College

Master of Computer Information Systems

Relevant Coursework: Database Design, Data Mining, Algorithms in Bioinformatics, Operating Systems, Python, Cloud Computing.

Henniker, New Hampshire, USA

September 2022 - July 2024

### Vidya Jyothi Institute of Technology

Bachelor of Technology in Electronics and Communication Engineering

Relevant Coursework: C, Java, Matplotlib, Software Engineering, Signal and Image Processing, Network Communications.

Hyderabad, India

July 2015 - June 2019

## CERTIFICATION

**2024** (AWS04456520) **AWS Certified Developer – Associate** (EC2, S3, AWS DynamoDB, AWS Lambda, RDS, AWS API Gateway, and AWS CloudFormation).

## EXPERIENCE

### University of Massachusetts

Computer Science Lab Operator : Linux/Unix Systems, Python, ServiceNow, Collaboration

Boston, United States

September 2022 – May 2023

- Enhanced student access to resources, leading to a 30% increase in CS Unix account sign-ups, demonstrating the platform's role in academic support and engagement.
- Addressed and resolved technical issues raised by students via the CS department portal, ensuring timely and effective solutions.
- Directed student support tickets, providing expert assistance and maintaining smooth portal operations.

### Regalix-Google

Senior Account Strategist : Google Ads, Google Analytics, Analytical Thinking, Data Analysis, Excel

Hyderabad, India

January 2020 – August 2022

- Adept at crafting tailored strategies to maximize client ROI, optimize ad performance, and enhance brand visibility.
- Proven track record of leveraging data analytics to identify trends, refine targeting, and achieve campaign objectives.
- Designed a custom script to automate manual data, increasing overall processing speed by 200%.
- Performed end-to-end testing on 300+ accounts with different time zones every quarter, and assisted in deploying them to production.
- Diagnosed and resolved technical issues in delivering custom site experiences.

## PROJECTS

**Finding Missing Persons Using AI:** Python, PyQt5, PostgreSQL, Docker, Machine Learning (KNN), Image Processing, Mobile App Development, Linux Systems

- Developed an AI-based solution to aid in tracking missing persons using image processing and machine learning techniques.
- Implemented a system for registering new cases via a PyQt5 GUI application, storing data in a PostgreSQL database.
- Utilized the KNN Algorithm for matching registered case images with user-submitted photos through a mobile application, ensuring anonymity for users, Coordinated Docker and non-Docker setups for ease of deployment and use.
- Collaborated on enhancing project functionality, including authentication, case submission, and image matching, to improve effectiveness in real-world scenarios.

**AWS Serverless Website:** AWS Polly, AWS Lambda, AWS API Gateway, AWS DynamoDB, S3, Amazon SNS

- Designed and developed a server-less website to convert text into multiple voice formats using AWS Polly, enabling users to listen and download MP3 files.
- Implemented AWS Lambda and API Gateway to handle API requests without a traditional server, ensuring scalability and efficiency.
- Utilized Amazon DynamoDB, S3, and SNS to store MP3 files and generate notifications for coordination between Lambda functions.

## SKILLS

### Programming Languages

C, Java, Python

### Web Technologies

HTML5, CSS3, JavaScript, Node.js, Express

### Databases

Microsoft SQL Server, MongoDB, MySQL, PostgreSQL, MySQL Workbench

### Python Libraries

Django, NumPy, Pandas

### Development Tools

GIT, GitHub, PyCharm, Atom, IntelliJ IDEA, Eclipse, Replit, Visual Studio, Collab, AWS, RStudio

### Data Visualization

Matplotlib, Plotly, Tableau

### Network Skills

Linux/Unix, Network Analysis, TCP/IP

### Other

Project Management, Communication Skills, Persistence, Leadership, Critical Thinking, MS Excel