HIMA VARSHINI PARASA
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PROFESSIONAL EXPERIENCE

Amazon Web Services (AWS), Hyderabad, India   **Apr, 2024 – Aug, 2024**
Cloud Engineer – 2
Role: Assist customers meet critical, highly complex business use cases, leveraging multiple AWS services.
- Developed 6 AWS Security Hub controls which are expected to drive an estimate of $47M in Annual Recurring Revenue (ARR) $47M in Annual Recurring Revenue (ARR).
- Developed internal technologies improving company-related processes.
- Mentoring 9 engineers at AWS.
- 2x RnR awards in Q2, 2024.

Cloud Engineer – 1   **Jul, 2021 – Mar, 2024**
Role: Applied advanced troubleshooting techniques to provide tailored solutions using AWS services and driven customer interactions thoughtfully by diving deep into the root cause and resolution of an issue.
- 7x RnR Awards from 2023-2024.

Amazon Web Services (AWS), Hyderabad, India   **Mar, 2021- Jul, 2021**
Cloud Associate Intern
- Worked on an internal feature that allows customers to easily analyze data stored in AWS Cognito, increasing sales to AWS Cognito service by 3x.
- Achieved the AWS Solutions Architect Associate Global Certification.

Tata Consultancy Services (TCS), Hyderabad, India.   **Jul, 2020 – Sept, 2020**
Software Developer Engineer Intern
- Developed an e-commerce website including a live and interactive chatbot using Google Cloud Platform and Google cognito services, React Js, REST API.

EDUCATION

Georgia Institute of Technology   **2024-Present**
Masters of Science in Computer Science

Velagapudi Ramakrishna Siddhartha Engineering College   **2017 - 2021**
Bachelor of Technology in Computer Science and Engineering

ACADEMIC PROJECTS AND PAPERS

Transfiguring Handwritten Text and Typewritten Text
- Developed an interactive web application to convert typewritten text to handwritten text and vice versa.
- Technologies: Python (PIL), OCR, Tesseract
- Authored and published a paper on the same in springer "Lecture Notes in Networks and Systems" in January 2022, Volume 311, ISSN: 2367-3370.

PrintingQueue Android Mobile Application
- Designed an android application to digitize the queues to print necessary files on the go without having to wait in long lines to get to their turn.
- Technologies: Android Studio, Java

Speech – Recognition Using Natural Language Processing
- Recognizing the speech and further developing the speech-to-text processing and voice based search applications/games.
- Technologies: Python, NLP

Owned and Hosted a Web Domain
- Owned a self-designed domain as my portfolio.
- Technologies: HTML, CSS, Js

Tracking and Solving a Rubik's Cube
- To identify the colours of a Rubik's cube and correspondingly methodize a procedural pattern to track and solve it. Platform: Python

Evil Twin Access Point
- Replicated a Wi-Fi authentication point so as to eavesdrop or manipulate the data being transferred.
- Technologies: Kali Linux

TECHNICAL SKILLS

- Programming Languages: Python 3, C, C++, Java SE8, SQL
- Cloud computing: AWS, GCP, boto3, Terraform
- Web Technologies: HTML 5, CSS 5, XML, JavaScript (Basics), PHP (Basics)
- Integrated Development Environments: PyCharm, Android Studio 3.4
- Operating Systems: Windows 10, Ubuntu Linux
- Database: SQL server
- Application Server: Apache Tomcat

CERTIFICATIONS

- 5x AWS Certified: AWS Certified Solutions Architect – Associate, AWS Certified Developer Associate, AWS Certified Security Specialist, AWS Certified Solutions Architect Professional, AWS Certified Machine Learning Speacialist
- 2x CCNA Certified: CCNAv7 - Switching, Routing, and Wireless Essentials (CISCO), CCNAv7 - Introduction to Cybersecurity (CISCO)
- IGNITIVE Labs - Completed Foundations of Blockchain Program (EMURGO Academy)

HONORS & AWARDS

- Secured "Site-level Security Win" in (Q2 2024), 4x MVP (Q3 2023, Q4 2023, Q1 2024, Q2 2024), 2x "Wise Guru" (Q3 2023, Q4 2023), "All Rounder" (Q4 2023, Q1 2024), "Security Champ" in Q2 2022.
- Successfully cleared TCS CodeVita Season 8, Season 9 (AIR: 494 out of ~135k participants).
- Won Second Runner up for a nationwide blogathon hosted by Smart India Hackathon (SIH), for a technical blog written on cybersecurity.
- Successfully cleared Google Foobar Challenge Round-2, Round-3 in progress.
- Finalist in Techgig Code Gladiators in 2020,2021.
- Won first prize in a national level technical fest held at LBRCE, Ibrahimpatnam for the 'Technical Poster Presentation' competition.
- Won first prize (3x) in a national level technical fest held at PVP Siddhartha College for 'Ideathon' and 'Project-Expo', 'Debate' competitions.
- Won second prize for the project –"Evil Twin Access Point" in all-college Engineer's Day competition, VRSEC.

EXTRA CURRICULAR ACTIVITIES

- Active member & Lead Coordinator (CSE, 2021) Entrepreneurship-Club, VRSEC since 2018.
- Helped spread awareness and enhanced technological spirit in women through Women Rock IT, Cisco since 2018.
- Leaded the CSE technical events - "Crypto-mania" and "Software warriors" in INFINITO-2K19, 2019.
- Head of organizing college annual fests and represented the CSE community in 2019, 2020.
- An active participant in several programs including International Plastic bag free day (2019), essay writing (2018), photography (2019) and idea presentation contests (2018, 2019).
- Volunteering to help the underprivileged and to take part in community services – organizing donating drives for food and clothing via MARGAM Foundation since 2019.
- Full Stack Development for the website to promote College Annual Fest – AFOSEC, 2020 and AFOSEC 2021.
- Conducted White-board sessions on "Cloud-Computing", "Programming languages" and "Data structures & Algorithms", giving hands-on training to 360+ students during the placement season amidst the pandemic, 2020-2021.
- Lead of "Voice of The Engineers -VOTE", team in AWS since 2022. Organized team activities and was responsible for the escalation of roadblocks that engineers face in their work.
- Through an Amazon-lead initiatives, I mentor the underprivileged youth of India from rural areas, backward communities to lead them on a path to success, serving the community through
- Recognized as an Amazon-certified Speaker – trained on conducting training sessions, representing Amazon community.
- Lead Technical Interviewer at Amazon Web Services – conducted 65+ interviews so far.