

# SHIRIDI SAI PRASAD

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## EDUCATION

### Master of Science, Computer Science

University of Florida, Gainesville, FL

Degree Awarded On: 05/07/2021

CGPA: 3.88/4.0

Courses: Analysis of Algorithms, Advanced Data Structures, Database System Implementation,  
Distributed Operating Systems, Penetration Testing, Introduction to Cryptology,  
Fundamentals in Machine Learning, Computer & Network Security

### Bachelor of Engineering, Electronics and Communication Engineering

G Pulla Reddy Engineering College, JNTU Anantapur, India

Degree Awarded On: 01/05/2016

CGPA: 8.0/10.0

## TECHNICAL SKILLS

- Languages: C, C++, Java, Python, Shell Scripting, Elixir, HTML, CSS, VueJS
- Tools & Frameworks: Flask, FastAPI, Oracle DB, MySQL, Postgres, Spring, Phoenix, PyTorch
- Other Skills: Linux, Open Stack Cloud deployment and testing, AWS Fundamentals, Networking, SQL

## WORK EXPERIENCE

### Software Engineer – Meta

Dec 2024- Present

- Led the launch of Less-personalized Ads v2 to reduce the Ad revenue loss from 81% - 74% with an impact of \$94M
- Developed an on-call AI agent using Confucius framework to increase on-call productivity by 30%.
- Developed an automated smart workflow to increase the efficiency of asset onboarding to privacy compliance framework resulting in 13.4 SDE EYS/5 years in savings.
- Technologies Used: CPP, Python, Hack, SQL,

### Software Engineer – Google

Jan 2023- Dec 2024

- Led a project utilizing LLM to auto-triage bugs, increasing weekly triaging capacity by 50% and enabling instant resolution of 25% of the bugs through generated summaries and filtered logs.
- Implemented key components in the tethered stack for the migration of the protocol from GATT to RFComm, boosting the connection success rate from 91% to 97%
- Designed and implemented the metrics infrastructure and dashboards for the tethered protocol stack, enabling detection of critical bugs and key performance issues
- Technologies Used: Java, Kotlin, Android, SQL,

### Software Development Engineer– Amazon

Jun 2021 – Jan 2023

- Designed & implemented various full-stack features within CRM system, backed by AWS services
- Implemented search functionality on the CRM system for associates to search for predefined tasks and improved the Average Case Handling Time by 2mins
- Designed & implemented various features in an experimental project that improved the support associate productivity by 30% in terms of case handling times
- Designed & implemented a Notification Service, dynamically evaluating target criteria for delivering critical change notifications, achieving an 80% reduction in associates' non-productive time spent on checking notifications.
- Technologies Used: Java, Spring, VueJS, AWS Services (EC2, IAM, DynamoDB, ElasticSearch, CloudWatch)

### Software Engineer– Huawei R&D, Bengaluru, India

Aug 2016 – Jun 2019

- Led the team in End-to-End Delivery of cloud based CDN and IPTV projects between 2017-18
- Designed and deployed CDN projects in 5 countries and achieved 99% availability at a scale of 6Million users
- Designed and configured the SDN network in large-scale CDN projects on the Carrier Production Edge Sites
- Technologies Used: OpenStack Enterprise Cloud, Python, Oracle DB, MySQL, L2 & L3 Routing Protocols