Chandra Kiran Guntupalli

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EDUCATION

Georgia State University	**Aug 2024 – May 2026**
Master of Science in Computer Science, GPA: 4.10	
Jawaharlal Nehru Technological University	**Jul 2017 – Aug 2021**
Bachelor of Technology in Computer Science, GPA: 8.32/10	

EXPERIENCE

Georgia State University — Aug 2024 - Present
Graduate Assistant — *Atlanta, GA*

- Assisted in designing coursework to ensure a logical flow of concepts and provided personalized feedback on assignments, fostering consistent learning and improving students' coding skills.
- Collaborated with the professor to evaluate and grade assignments fairly, enhancing the overall learning experience.

Jumbotail Technologies Private Limited — Oct 2021 – Jul 2024
Software Development Engineer — *Bengaluru, India*

- **Implemented** a scalable SQS-based asynchronous messaging system to handle up to **240M messages/month**, ensuring reliable communication with **FIFO guarantees, fault tolerance, and visibility timeouts**. Reduced system downtime and enhanced processing efficiency, achieving a cost-effective solution of **$840/month** for high-volume operations.
- **Led** the design of flexible credit features (custom terms, rates), **boosting engagement by 25%** and customer loyalty.
- Automated the management of **receivable and payable expectations**, streamlining settlement times from D+2 to D+1, increasing the operational efficiency of credit and repayment processes.
- **Developed** a secure lender communication system, reducing transaction failures by **20%** and ensuring seamless financial transactions.
- **Spearheaded** the Jmoney digital payments platform, integrated across apps, **increasing retention by 18%** through wallets, refunds, and promotional credits.

Jumbotail Technologies Private Limited — Apr 2021 – Sept 2021
Software Engineer Intern — *Bengaluru, India*

- Revamped the delivery app communication system to enable **real-time inventory tracking** and ensure accurate goods management in the supply chain, speeding up payments to sellers.
- **Integrated** QR-based payments with Razorpay and Bharathpe, reducing reconciliation time from 2 days to minutes, providing a seamless payment experience, and increasing revenue by over 25%.

SKILLS

- **Languages**: Java, Python, C++, C, HTML, SQL, Go
- **Frameworks**: Git, Spring Boot, Dropwizard, Vert.x
- **Databases**: RDS, DynamoDB, MongoDB
- **Cloud**: AWS (SQS, SNS, Lambda, S3), Redis, Jenkins, GCP
- **Tools**: Docker, Kubernetes, Terraform, Salesforce, Tableau, Metabase, Sisense

PROJECTS

Offensive Tweet Identification — *Python, RoBERTa, Streamlit* — **Jan 2021 – Aug 2021**

- Developed a RoBERTa-based model using the OLID dataset, achieving a macro F1 score of 0.7989.
- Enhanced text preprocessing with emoji substitution and hashtag segmentation to address imbalanced and noisy data. GitHub

Marine Biodiversity Tracking System — *Streamlit, SQLAlchemy, MySQL* — **Oct 2024 – Nov 2024**

- Designed a web application to track and analyze marine biodiversity, integrating multiple entities for effective data visualization and management. GitHub

LEADERSHIP AND ACHIEVEMENTS

- Ranked in the top 5% across India in NPTEL certifications: **Programming in Java (95%) by IIT Kharagpur** and **The Joy of Computing Using Python (96%) by IIT Madras**.
- **ACM Member** who actively organized and participated in hackathons, events, and technical workshops, fostering collaboration and skill development in the student community.