Narasimha Naidu Kommi

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EDUCATION

- **University Of North Carolina Charlotte** — Charlotte, NC
  Master of Science, Computer Science; GPA: 4/4 — *Aug 2022 - present*
- **Lovely Professional University** — Phagwara, India
  Bachelor of Technology, Computer Science and Engineering; GPA: 3.9/4 — *Aug 2017 - May 2021*

TECHNICAL SKILLS

- **Programming Languages**: Java, C++, Python, C, C, PHP, JavaScript, HTML, CSS, Data Structures, Algorithms.
- **Database**: Oracle, PostgreSQL, SQL Server, MySQL, NoSQL, MongoDB.
- **AWS Services**: Code Pipeline, Code Build, Code Commit, EC2, ECS, SES, Lambda, CloudWatch, SNS, CI/CD.
- **Software - Tools**: Grafana, Postgraphile, GIT, Android Studio, DBeaver, SQL Developer, Docker, Postman.
- **Frameworks**: AngularJS, ReactJS, NodeJS, SpringBoot, GraphQL, .NET, Django, REST APIs, object oriented design.

WORK EXPERIENCE

- **Syscloud** — Chennai,India
  Software Engineer — *May 2021 - July 2022*
  - **Batch Framework**: This is a logically centralized framework designed and developed for running scheduled jobs with AWS Batch, It apparently reduced the cost of operation by **58%**.
  - **Grafana Visualization**: Grafana is used for visualizing and tracing different kind of events in the form of graphs and tables that are happening at any particular point of time, was able to decrease the error count to single digit.
  - **PostgreSQL Schema**: Worked on writing PostgreSQL related database functions, views and maintaining database schema and also played vital role in writing GraphQL Queries via GraphiQL.
  - **GraphQL Integration**: Integrated various GraphQL Queries that are developed on top of various PL/SQL functions into React Framework.
  - **Weekly Report SES Framework**: Designed and developed a framework which sends a weekly report to more than **10,000** users in production environment about the usage of credits in the product by using AWS SES Framework.
- **Syscloud** — Chennai,India
  Software Engineer Intern — *Oct 2020 - Apr 2021*
  - **Migration**: Worked on designing and implementing AWS DMS tasks for migrating **50%** of customers to beta version of the product from older version(MsSQL TO PostgreSQL) within very less time.

CERTIFICATIONS

- **Front End Web Development(Coding ninjas)**: Did certification course from Coding ninjas with this I learnt various front-end technologies like HTML,CSS, JavaScript and React Framework, implemented multiple projects and got real-time experience with these technologies. (Oct 2020 - July 2022)
- **Data Structures and Algorithms with Java (Coding blocks)**: Did certification course from Coding blocks where I learnt and implemented various data structures and got hands-on experience to use various data structures with different real-life scenarios. (Aug 2020 - Jan 2021))
- **Android App Development (Coursera)**: With this certification course, grabbed some theoretical concepts of Android Operating system and learnt developing Android Apps with Java and implemented multiple Projects during the course period. (Jan 2020 - May 2020))

ACADEMIC PROJECTS

- **Blood Bank App (Android App)**:
  - **Functionality**: This is a blood bank Application designed for Android operating System. The main aim of developing this app is to reduce the time to a greater extent that is spent in searching for the right donar and availability of the required blood group.
  - **Tech Stack**: Java, XML, SQLite, Android Studio.
- **Library Management System (Web App)**:
  - **Functionality**: Built an Web Application that helps in maintaining the record of students who issued new books and recording books that have been borrowed with their respective due dates .It also provides the information about the availability of any particular book.
  - **Tech Stack**: HTML, CSS, JavaScript, React.