

# Praneeth Reddy Panyam

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## EDUCATION

**California State University, Long Beach, California**

*Master of Science, Computer Engineering and Computer Science*

**May 2023**

CGPA: 3.87/4.0

**Sathyabama Institute of Science & Technology, Chennai, India**

*Bachelor of Engineering, Computer Science and Engineering*

**June 2020**

CGPA: 9.72/10.0

## SKILLS & CERTIFICATIONS

**Programming:** Python, Swift, Java, C, C++, C#, R, Haskell

**Web Technologies:** Html, CSS, JavaScript, JSON, Php, RestAPI, Bootstrap

**Frameworks:** React JS, Django, Flask

**Database & Cloud:** SQL, MySQL, Mongo DB, PostgreSQL, SQLite, AWS (EC2, S3, IAM, ECS, Lambda)

**Tools:** Docker, Kubernetes, XCode, Pentaho, SSMS, VSCode, WordPress

## PROFESSIONAL EXPERIENCE

**Luxoft, Bangalore, India**

**Sep 2020 – Dec 2021**

**Python Developer** – (Python, SQL, Pentaho, SSMS, C#, Java)

- Created MySQL database queries in Python to retrieve necessary information for the company, resulting in a 75% retrieval rate.
- Developed web applications backend components by json querying and auto populating necessary values using Python.
- Developed SQL queries to map various components in the database for both the newly added and existing database fields.
- Automated all the steps in moving data back and forth from production to staging by eliminating 100% of manual work.
- Optimized scripts for fast data transfer between multiple server instances resulting in a 50% faster transfer.

**Nuclei, Bangalore, India**

**Jan 2020 – May 2020**

**iOS Developer Intern** – (Swift, C#, IOS development, XCode)

- Developed the entire delivery part of the gold module in Nuclei SDK, where the user can select coins with different weights based on the quantity of gold in his locker and can order them.
- Created the entire UI part related to delivery flow, which includes five different screens.
- Reduced user reported defects by 50% after I identified and fixed the root causes of the most common user reports.
- Gained a strong working knowledge of iOS SDK, common iOS app architectures and design patterns.

**Marthala Solutions, Hyderabad, India**

**Oct 2018 – Jan 2019**

**Full Stack Developer Intern** – (Html, CSS, Bootstrap, Javascript, Wordpress, Php, SQL)

- Developed and maintained website using Html, CSS, Javascript and WordPress.
- Worked collaboratively with a team of developers to design and implement RESTful APIs using Python.
- Developed a web-based project management application using PHP and MySQL, which enabled teams to collaborate on projects, track progress, and manage tasks.

## ACADEMIC PROJECTS

**Bug hound Bug Tracking System** (Python, Django, SQL) ([GitHub](#))

**Jul 2022 – Aug 2022**

- Web based bug recording and tracking software that performs CRUD operations on bug reports on multiple products.
- Stores bug reports in relational DB with all the information and attachments
- Search the bug reports on any fields.

**Search Engine** (Python, SQL, Indexing, Disk) ([GitHub](#))

**May 2022 – Jun 2022**

- It is a search engine software, which can perform both Boolean and Ranked retrievals on national parks datasets.
- Calculated mean average precision and throughput based on the search results for four different ranking algorithms.
- Implemented positional inverted indexing and Soundex algorithms for Boolean searching from disk.

**Contacts App** (IOS, Swift, C#, XCode) ([GitHub](#))

**Jan 2020 – Feb 2020**

- Create, delete, read and update contacts on iPhone.
- Storing the contacts in user data of mobile.

## AWARDS

- Topper of the CSE Department among 1391 students in my B.E.
- Code Kata Star of the year for ranking top in GUVI Code Kata Platform.
- Winner of Blind Coding contest at Techno Summit.