

ARUN PRASAD SM

1050 Foothill blvd, San Luis Obispo, California

☎ 805 305 4542 ✉ arunprasad.sm2000@gmail.com  [LinkedIn](#)  [Github](#)

Education

California Polytechnic State University, San Luis Obispo

Sept 2022 – Present

Master of Science in Computer Science (GPA: 4.00/4.00)

California, USA

Rajalakshmi Engineering College, Chennai

Aug 2017 – May 2022

Bachelor of Technology in Computer Science (GPA: 8.07/10)

Chennai, Tamil Nadu, India

Relevant Coursework

- Data Structures
- Algorithms
- Project Management
- Machine Learning
- Python
- Database Management
- Software Engineering
- Operating Systems

Work Experience

California Polytechnic State University, San Luis Obispo

Nov 2022 - Present

Web Developer

California, USA

- Developed data-driven web applications, websites focusing on UI/UX and strategic communications using HTML, CSS, and Javascript.
- Assisted in backend maintenance tasks, including server updates, database optimization, and performance monitoring, to ensure the stable operation of web applications.
- Managed databases, including data import/export, schema updates, and data migrations, ensuring efficient data storage and retrieval.

LatentView Analytics

Aug 2021 - Jul 2022

Software Engineer

Chennai, India

- Designed and developed RESTful APIs to facilitate seamless data retrieval, manipulation, and analysis for database systems, enhancing their functionality and usability.
- Designed and deployed data solutions using AWS services such as EMR, Spark and Redshift.
- Applied Agile methodology to ensure streamlined development cycles, customer feedback incorporation, and enhanced collaboration among cross-functional teams.
- Slashed client processing time by leveraging caching mechanisms and asynchronous processing techniques within RESTful API design.
- Performed data analysis on large volumes of data using SQL, Apache Spark and Apache Hive.

Gamma Analytics

Sept 2020 – Nov 2020

Software Development Intern

New York, USA

- Developed an application that uses Fuzzy logic to match details of customers between databases to find similarity score and spot suspicion.
- Built end-to-end solution using ReactJS for frontend and ExpressJS framework for backend, adeptly handling asynchronous operations.
- Managed Git revision control, ensuring version tracking and collaborative code development.
- Automated the extraction of review data by implementing Selenium web scraping techniques.

Personal Projects

EduSelect AI | Python, AngularJs, Python flask, REST API

Sept 2022 - Nov 2022

- Built a Web app that uses Machine learning and AI techniques to align student interests with university-level study areas.
- Established a web server, furnishing a RESTful API for delivering major recommendations.
- Developed a Python Flask API for user input/output, utilizing BERT decision support model with 93 percent accuracy.

Technical Skills

Languages: Python, C, C++, HTML

ETL Tools: SQL, Apache Hive, AWS EMR, Apache Spark, Hadoop

Tools: Postman, Tableau

Database: SQL, PostgreSQL, MongoDB

Web Technologies: React JS, Node JS, Docker