

## Sravani Kallempudi

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### WORK EXPERIENCE

#### Sconcepts LLC

Aug 2024 – Present

##### Software Engineer

- Enhanced user experience by implementing key features, leading to a 25% increase in user engagement and a 15% reduction in bounce rates across web applications.
- Redesigned the platform's interface using JavaScript, improving responsiveness and reducing load times by 40%, ensuring a smoother user experience.
- Optimized backend processes with Python, streamlining data handling and automation workflows, leading to a 20% reduction in data processing time and improved system efficiency.
- Developed and optimized SQL queries for data retrieval and reporting, improving database performance and ensuring real-time access to critical business insights.

#### Tata Consultancy Services

Sep 2019 – Jul 2022

##### Software Engineer

- Developed and enhanced regulatory reporting and financial risk management applications for M&G using Python, Flask and React.js, improving system performance and streamlining data processing.
- Designed and implemented RESTful APIs for compliance reporting and transaction monitoring, enhancing data accuracy and reducing processing time by 30%.
- Architected and deployed microservices for risk assessment and trade reconciliation using Docker and Kubernetes, enabling independent scaling and reducing service downtime by 40%.
- Optimized database interactions in financial transaction systems using SQL, achieving a 30% reduction in query execution time and improving system efficiency.
- Automated unit and integration testing with PyTest and unittest, reducing production defects by 35% and ensuring regulatory compliance.
- Integrated Jenkins for CI/CD pipelines in financial data processing systems, accelerating deployment cycles and enhancing system reliability for critical business applications.
- Participated in Agile methodology and the SDLC, working in sprint cycles to deliver high-quality solutions in collaboration with cross-functional teams.

#### Lausn Techno Services

May 2019 – Aug 2019

##### Intern

- Developed and enhanced client website, writing backend scripts in Python to automate data processing, reducing manual data entry time by 30% and improving website functionality.
- Assisted in front-end development of websites using HTML, CSS, and JavaScript, improving the user interface and experience, resulting in a 15% increase in website traffic and user interaction.
- Utilized SQL to retrieve, manipulate, and manage data for client-facing dashboards and reports, improving data retrieval times by 20% and ensuring accurate, real-time decision-making.
- Created interactive Tableau dashboards, visualizing key metrics such as sales performance and patient statistics, which led to a 25% increase in client engagement and more data-driven business decisions.

### SKILLS

- **Web Technologies:** Python, C, C++, HTML, CSS, JavaScript, Angular.js, jQuery, Bootstrap
- **Frameworks:** Django, Flask, Pandas, Numpy, Matplotlib, Scikit-Learn
- **Databases:** RDBMS (Oracle, SQL Server, MySQL), No SQL (Mongo DB), HDFS (Hadoop), Oracle 10g
- **Web Technologies:** JavaScript, HTML, Angular.js, Node.js, CSS, jQuery, Bootstrap
- **Cloud:** AWS (S3, Lambda, Glue, Athena)

### EDUCATION

#### California State University Fullerton

Aug 2022 - May 2024

Masters in computer science

### CERTIFICATIONS

- IBM Data Analyst Professional Certificate Coursera.
- AWS Cloud Practitioner Certificate.

### EXTRACURRICULAR ACTIVITIES

- MVGR IT Club Member: Led a team in organizing annual hackathons, resulting in a 30% increase in student participation.
- Swecha Volunteer: Provided technical support for local non-profits, resolving IT issues to improve operations.
- Event Coordinator of Women in Business and STEM at CSUF.