

## SKILLS

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- **Languages/Databases:** Python, Java, C, C++, C#, SQL, R, Kotlin, HTML, CSS, JavaScript, TypeScript, MySQL, SQLite, MongoDB, PostgreSQL, Cassandra.
- **Tools/Frameworks:** Docker, Angular, Kubernetes, Git, Gitlab, JIRA, Jenkins, Selenium, Postman.
- **Web/Mobile Development:** Flask, Django, Node, Express, React, Next.js, Angular, Redux, Spring Boot, REST, Swift, Node.js.
- **Cloud Technologies/ML/Gen AI frameworks:** AWS, Azure, Pandas, NumPy, SciPy, Matplotlib, Axios

## EXPERIENCE

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### California State University, Fullerton – Web Developer

May 2023 - May 2024

- Developed a housing website by transitioning from an older platform to a modern stack using **HTML, CSS, JavaScript, and React**, improving user experience and site functionality.
- Enhanced the website's usability by **30%** and increased student satisfaction by **25%** after implementing **React** for a more dynamic and responsive design.
- Enhanced site performance by monitoring and optimizing key metrics using tools like **Google Analytics** and **New Relic** leading to a **20%** increase in reliability and security.

### Infosys, Hyderabad- Software Engineer

Sep 2021 - Aug 2022

- Developed and optimized **ASP.NET Web Forms** applications with **C#.NET**, leveraging state management and caching for improved performance.
- Built scalable applications with **ASP.NET Core** and **EF7**, deploying to **Azure** for high availability and reliability.
- Integrated machine learning modules, increasing efficiency by **20%**, and automated **CI/CD** pipelines with **Jenkins, GitHub CI, and Docker**, reducing deployment time by **40%**.
- Executed complex queries in Oracle and **SQL Server**, ensuring fast, secure data access.
- Designed responsive web forms using **HTML5, CSS, JavaScript, and Angular**, with client-side scripting in **JavaScript**.

### SS Computers Services Limited, Hyderabad – Software Developer

Apr 2019 - Aug 2021

- Developed applications using **HTML, CSS, jQuery, AJAX, JavaScript, and Python, Bootstrap** enhancing user engagement by **15%**.
- Redesigned website with Node.js and integrated REST API's, improving performance by **20%**. Participated in React website development, increasing scalability by 70% through optimized coding practices.
- Built scalable backend solutions with **Java 8, React.js, and MongoDB**. Developed and consumed **REST APIs** to enable seamless client-server interactions. Implemented real-time notification services using **Python, AWS SNS, and REST APIs**, saving \$40k annually.
- Implemented **automated auditing** using **Python, AWS Lambda, and CloudWatch**, increasing efficiency by **30%** by reducing manual errors, improving data accuracy, and streamlining audit processes.
- Reduced response times by **40%** with AWS Lambda. Managed production support and deployments, cutting downtime by **25%**.

## PROJECTS

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### Real-Time Data Processing of Splitwise Data using Big Data Technologies

- Designed and implemented a big data solution to analyze Splitwise data, improving expense tracking accuracy by **30%** and optimizing data processing efficiency.
- Utilized Kafka for real-time streaming, Spark for processing, Spring Boot for application logic, and **Cassandra** for scalable storage. Leveraged **Docker** and **Docker Compose** for seamless deployment and containerized workflows.

### CHATBOT

- Architected a full stack web application using **JavaScript, React, and MongoDB**, capable of processing text input and providing responses.
- Integrated **OpenAI API** to enable natural language understanding and conversation. Designed a user-friendly interface for seamless interaction. Implemented features for dynamic response generation, improving user engagement and experience

### Face Recognition

- Collaborated on **GitHub** to develop a distributed face recognition system using **Python, MongoDB, Kubernetes, and Docker**, improving recognition efficiency by **40%** and scalability for high-demand applications.
- Deployed the system on AWS EKS for high availability and fault tolerance, leveraging a modular, containerized architecture to streamline scaling and maintenance. Integrated advanced face recognition algorithms and designed an intuitive user interface to enhance usability and ensure seamless, continuous operation.

## EDUCATION

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**California State University, Fullerton**, Master of Science in Computer Science  
**SNIST, Hyderabad**, Bachelor's in Electronics and Communication

Aug 2022 - May 2024  
Aug 2017 - July 2021

## CERTIFICATIONS:

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- AWS Certified Solutions Architect - Associate (SAA-C03) [View Here](#)
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional [View Here](#)