

SANTHOSH CHANDRASEKARAN

Software Engineer | Full Stack Developer

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Education

University of California, Irvine

Sep. 2023 – Dec 2024

Masters in Computer Science

GPA 4.0/4.0

Coursework: Data Structures and Algorithms, Operating Systems, Machine Learning, Data Mining, Artificial Intelligence

Sri Venkateswara College of Engineering, Chennai

Aug. 2016 – May 2020

B.Tech in Information Technology

GPA 3.9/4.0

Coursework: Programming and Data Structures - I and II, Object Oriented Analysis and Design, Web Programming, Big Data Analytics, Cloud Computing

Career Highlights

Project Leadership: Led the development of **10+** modules, achieving a remarkable **75%** reduction in transaction search latency and earning the **Role Star Award** for impactful contributions.

CI/CD Pipeline Expertise: Established an CI/CD pipeline using **Azure DevOps**, resulting in a **40%** reduction in release time for web and mobile applications.

Enhancement and Bug Resolution: Resolved **100+** bugs and improved functionality by **30%**, while reducing transaction search access time from **20 seconds** to less than **5 seconds**, enhancing user experience.

User Impact: Developed application and modules currently utilized by more than **millions** of users globally, contributing to widespread user satisfaction and engagement.

Experience

Aspire Systems

Dec 2020 – July 2023

Senior Software Engineer

Chennai, India

- Proactively collaborated with stakeholders, resulting in a notable **35%** increase in client satisfaction.
- Implemented agile methodologies** to enhance project efficiency, resulting in a **20%** improvement in development.
- Deployed **Selenium** for **automated testing**, achieving a **25%** decrease in bugs and elevating application stability.
- Strategically optimized** the Statements and Notices Feature, facilitating e-statement access in less than **5 seconds** and driving a **30%** increase in user satisfaction.

Temenos

May 2021 – Sep 2022

Software Engineer

Hyderabad, India

- Optimized** settings page functionality, elevating user experience and refining features, leading to a **15%** improvement in system performance.
- Enhanced critical **UI functionalities** to ensure seamless user experience, resulting in a **25%** surge in user engagement.
- Addressed and resolved over **10** issues in service middleware, significantly enhancing the application's overall stability.
- Teamed up with diverse departments to introduce continuous enhancement strategies, resulting in a **15%** decrease in testing cycles.

Projects

North American Bank | *Temenos Infinity, CSS, JavaScript, Java, Kony Framework*

2021-2022

- Spearheaded development of **7+ key features** including **Account Dashboard, Settings, and Transaction List** for North American Bank, accounting for **60%** of project scope.
- Enhanced **UI** across multiple pages, leading to a significant **30%** increase in **customer usage and satisfaction**.
- Implemented rigorous **unit testing protocols**, ensuring product reliability and stability, contributing to **25%** of project effort.
- Exhibited adaptability and proactive problem-solving, contributing **15%** to project milestones beyond the initial scope.
- Developed a **chatbot** to assist users in navigating the application seamlessly, enhancing user experience and accessibility.

Instagram Clone | *HTML5, CSS3, JavaScript, React.js, Next.js, ChakraUI, Firebase, Firestore* | [Github](#)

Jan-Feb 2024

- Developed a **feature-rich social media web application** resembling **Instagram** functionalities.
- Implemented user authentication, profile creation, post sharing, commenting, and liking using **Firebase** authentication and **Firestore** for real-time data storage.
- Utilized **React.js** and **Next.js** for efficient **front-end development**, focusing on responsiveness and performance.
- Designed intuitive user interfaces with **ChakraUI**, ensuring a modern and visually appealing user experience.
- Enabled **seamless deployment and scalability** using **Firebase hosting** and cloud functions.

Technical Skills

Languages: C, C++, Java, Python, HTML5, CSS3, Javascript, Typescript, SQL

Frameworks and Databases: Node, React, Next, Kony Framework, MongoDB, MySQL, MsSQL, Firebase

Other Technologies: Git, Source Tree, Azure DevOps, Temenos Infinity, Bootstrap 5, Material UI, Tailwind CSS