

# Sai Kranth Koneru

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## SUMMARY

Software Engineer with 3+ years of experience building **secure, scalable full-stack applications** using C#, **SQL**, and **.NET**. Proven ability to develop **single-page applications (SPAs)**, **modular front-end components**, and **RESTful services** in **fast-paced Agile** teams. Strong understanding of **web standards**, **browser rendering**, and **cross-browser compatibility**. Passionate about writing **clean, efficient code** and contributing to **high-impact engineering projects**.

## EDUCATION

**Colorado State University**, Fort Collins | Master's, Computer Information Systems Aug 2024 - Dec 2025(Expected)  
**K.L.E Institute of Technology**, India | Bachelor's, Information Science July 2017 - May 2021

## PROFESSIONAL EXPERIENCE

**Collins Aerospace | Software Engineer** | India Nov 2022 – July 2024  
*ASP.NET Core, .NET Framework, C#, JavaScript, HTML5, CSS3, SQL Server(SSMS), Azure DevOps, Git, Power BI, Docker*

- Developed **secure, scalable web applications** and **RESTful services** using **ASP.NET Core**, **C#**, and **SQL Server(SSMS)**.
- Built **interactive, responsive**, and **cross-browser compatible UIs** using **JavaScript**, **HTML5**, and **CSS3**, integrated with back-end services via **ASP.NET MVC**.
- Created internal dashboards and **web-based tools** that improved team collaboration and project tracking by **30%**.
- Automated workflows with **Polarion** and **Azure DevOps**, increasing project delivery speed and reducing error rates.
- Applied **Agile methodologies** with sprint planning, daily standups, retrospectives, and **peer code reviews** for continuous improvement.
- Leveraged **CI/CD** using **Azure pipelines** and **Git**, ensuring efficient and **secure deployments**.
- Delivered **modular, performant**, and optimized applications with improved rendering behavior and enhanced user experience.

**Starmark Software Pvt Ltd | Associate Software Engineer** | India Aug 2021 – Nov 2022  
*C#, Javascript, REST APIs, SQL, MySQL, PostgreSQL, Git, Hibernate, Kubernetes, Java*

- Developed and tested **secure REST APIs** using **C#** and **JavaScript**, supporting **data-driven product decisions**.
- Utilized **SQL** to query and optimize large datasets across **SQL Server(SSMS)** and **MySQL** systems.
- Collaborated with product teams to define KPIs and built dynamic dashboards, improving analysis accuracy by **20%**.
- Collaborated with **cross-functional teams** to design and build pixel-perfect **SPAs** with **ReactJS** and Java-based backends.
- Followed best practices for software development in Agile environments, promoting clean code and engineering excellence.

**Traxeat | UI/UX Designer Intern** | India Oct 2020 – Jan 2021  
*Figma, Adobe XD, HTML, CSS, Responsive Design*

- Designed intuitive user interfaces for web and mobile applications, improving user engagement by **20%**. Created wireframes, prototypes, and mockups using tools like Figma and Adobe XD.
- Collaborated with developers to implement responsive design, ensuring consistency across devices. Streamlined the design-to-development process, reducing turnaround time by **15%**.
- Conducted user research and usability testing to gather insights, leading to data-driven design improvements and enhancing the overall user experience.

## SKILLS

**Programming Languages:** C#, Python, JavaScript, SQL, Java, MongoDB, React | **Web Development:** HTML, CSS, ASP.NET Core, ASP.NET MVC, Entity Framework, Angular, ReactJS | **IDE & Development Tools:** Visual Studio, Visual Studio Code | **Data Visualization & Analysis:** Power BI, Google Data Studio, Tableau, Snowflake, Pandas, Scikit-learn | **Version Control & CI/CD:** Git, SVN, Azure DevOps, Docker, Kubernetes | **Design & Prototyping Tools:** Figma, BravoStudio, Adobe XD

## PROJECTS

**Disease detection App** | Computer Vision [ResNet50, EfficientNet, Transfer Learning], Flask, Python, ReactJS, SQL Server

- Developed a **responsive single-page ReactJS application** to detect plant diseases using **deep learning models**, achieving classification accuracy of **87–95%**. Integrated **Flask APIs** for **real-time inference**, ensuring **secure image upload** and efficient processing.

**FinTrack** | UI/UX Design, Figma, React Native, Node.js, HTML, CSS, MongoDB

- Designed a **high-fidelity prototype** and implemented it as a **full-stack, single-page application** using **React Native** and **Node.js**. Enabled **real-time budgeting**, **expense tracking**, and **interactive dashboards** to support **smart money management**.