

ARUN SATISH RAO

San Jose, CA 94087

📞 510-714-6982 ✉ arunsrao35@gmail.com [in linkedin.com/in/arunsrao](https://www.linkedin.com/in/arunsrao) github.com/arunsrao9 arunsrao.netlify.app/

Professional Summary

Results-driven software engineer with expertise in front-end development, machine learning, and data analysis. Proven track record in designing and deploying web and mobile applications to enhance user experience and drive business growth. Seeking to leverage technical skills and contribute to innovative projects as a Software Engineer.

Education

California State University

Master's in Computer Science

Aug. 2022 – May 2024

Hayward, CA

NMAM Institute of Technology

Bachelor of Science in Computer Science and Engineering

Aug. 2018 – May 2022

Karnataka, India

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript
Technologies/Frameworks: ReactJs, NodeJs, Jenkins, GitHub
Database: SQL(MySQL, PostgreSQL), NoSQL
DevOps Tools: Docker, Kubernetes, Git, CI/CD
SEO Tools: Google Analytics, SEMrush, Moz, Ahrefs

Experience

One Community Global

Volunteer Software Engineer

Jun 2024 – Present

Remote

- Ensured code quality by conducting thorough PR reviews, identifying bugs, and providing feedback, leading to a 15% reduction in production-breaking bugs.
- Enhanced application efficiency by performing performance tests and implementing optimizations, resulting in a 20% improvement in load times.

Freelance

Front End Developer

Jun 2023 – Dec 2023

Union City, CA

- Boosted a local business's online sales by 30% within six months by designing an intuitive e-commerce website.
- Demonstrated proficiency in project management, collaborating closely with clients to gather requirements, provide regular updates, and deliver solutions within agreed timelines.

BlueLine Computers

Android App Developer Intern

Jun 2021 – Aug 2021

Karnataka, India

- Assisted in development of the front end of a mobile application for iOS/Android using Dart and the Flutter framework.
- Engineered mobile applications using Kotlin, reducing app loading time by 20%, which significantly enhanced user engagement and satisfaction

Projects

Text summarization using NLP for Heart Disease Prediction | *Natural Language Processing*

May 2022

- Achieved a 25% reduction in medical report processing time and 90% accuracy in predicting heart disease by engineering an advanced NLP model based on patient data summaries
- Improved accuracy by 15% over baseline models in classifying heart disease risk factors by employing advanced machine learning algorithms, including KNN, Random Forest, and Support Vector Machines (SVM)

E-commerce Website | *ReactJs*

Dec 2023

- Designed an e-commerce website for a local business with the aim of enhancing online presence and driving sales.
- Increased website traffic by 30% in the first month and enhanced user engagement by implementing a modern, user-friendly interface using React.js, Node.js, JavaScript, Bootstrap, and CSS.

Volunteer / Extracurricular

Website Manager

Stand In Truth

May 2024 – Present

Berkeley, CA

- Increased traffic to Deborah Matthews' campaign website by 40% through effective SEO strategies and content optimization, resulting in greater online visibility and engagement
- Designed and managed the campaign website for Deborah Matthews, ensuring a visually appealing and user-friendly interface that enhanced user experience and boosted supporter interaction by 30%