

# ROOPESH SRINIVASA

## Full Stack Developer

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## SUMMARY

Detail-oriented **Full Stack Developer** with over **4 years** of experience designing and developing scalable, user-centric web applications using **Angular, JavaScript, TypeScript, Node.js, Java**, and **React**. Skilled in both frontend and backend development, with strong expertise in **clean code practices, performance optimization**, and **API security**. Proven ability to enhance user experience and collaborate with **cross-functional teams** to deliver high-quality, maintainable, and business-aligned solutions.

## SKILLS

HTML5	CSS3	JavaScript	Angular	ReactJS	Redux	TypeScript	NextJs	SCSS	GraphQL
GIT	JIRA	Bitbucket	REST APIs	VueJs	Jest	NPM	Java	Data Structures & Algorithms	
Adobe Experience Manager 6.5			Figma	Webiny	Okta	Storybook	NodeJS	AWS API Gateway	
Postman	Google Analytics		ExpressJS	MongoDB	Agile Methodology		Scrum	Teamwork	
Leadership	Technical Analysis		Problem Solving		Effective Communication				
Cross-Functional Collaboration									

## EXPERIENCE

### Full Stack Developer

#### Brillio Technologies Pvt Ltd

05/2022 - Present Bengaluru, India

A technology consulting firm specializing in digital transformation

- Led the migration of 30K+ lines of legacy C++ code to Java, delivering critical Read/Write modules within strict timelines
- Developed 6+ full-stack features, including API creation and JUnit testing, achieving a test coverage of 95%
- Resolved 20+ production issues and 25+ Jira bugs, significantly improving platform stability and reducing system downtime by 30%
- Engineered Angular UI components, introducing features like advanced filtering, searching, and meeting scheduling, enhancing user engagement
- Collaborated with cross-functional teams to streamline development processes, meeting deadlines 3-4 days ahead

### Full Stack Developer

#### Accenture

07/2021 - 05/2022 Bengaluru, India

A multinational professional services company specializing in IT services and consulting

- Built and deployed 250+ chatbots, improving customer engagement across multiple platforms
- Integrated features such as speech-to-text and text-to-speech, increasing chatbot usage by 70%
- Revamped web applications using Angular 8, leading to a 15% increase in usability scores
- Conducted code reviews, pair programming, and debugging sessions, improving overall code quality and maintainability

# PROJECTS

## ASCO Website – Feature Development and Optimization

- Developed and enhanced **frontend features** for a medical association website using **Angular** and **Python**, improving user experience, platform reliability, and release efficiency.
- Developed user-facing pages such as **Sign-In** and **Meeting Registration** using **Angular**, integrating **Webiny CMS** and **Okta** for secure authentication.
  - Implemented advanced UI components such as dynamic search filters, meeting scheduling tools, and content accessibility features to boost user engagement.
  - Resolved 30+ production issues and 40+ Jira bugs, improving platform stability and reducing system downtime by **30%**.
  - Delivered multiple feature updates on tight timelines, consistently completing sprints **3–4 days ahead** of schedule through efficient collaboration.

## Verizon Wireless – Legacy System Modernization & Feature Development

- Contributed to modernizing legacy systems and developing new features for Verizon’s internal services platform using Java and full-stack technologies
- Led the migration of **30,000+ lines of legacy C++ code** to Java, delivering high-priority Read/Write modules under tight deadlines, improving maintainability and performance.
  - Developed **6+ full-stack features**, including RESTful API endpoints, UI components, and backend services, enhancing system functionality and user experience.
  - Achieved **95% unit test coverage** through robust **JUnit testing**, ensuring reliability and reducing production bugs.
  - Collaborated with cross-functional teams to integrate new features into existing systems, accelerating development cycles and ensuring smooth deployments.

## Speech-to-Text Web Application – Hackathon Project

- Built a real-time voice transcription tool using core web technologies for fast, accurate speech recognition and document export.
- Developed a browser-based **speech-to-text web app** using JavaScript, HTML, and CSS within 1 month as part of a hackathon challenge.
  - Implemented real-time voice recognition with **95%+ accuracy**, allowing users to transcribe speech directly in the browser.
  - Enabled export functionality for transcribed text in **PDF and Word formats**, supporting both usability and accessibility.
  - Delivered a lightweight, responsive UI optimized for quick interactions and cross-device compatibility.




## Travel Booking Website – Custom WordPress & Web App Development

- Designed and developed a travel-focused web platform to streamline bookings and enhance user experience for clients and end users.
- Built a custom **WordPress website** using tailored themes and plugins, aligning with client-specific branding guidelines and functional requirements.
  - Developed a **travel booking web application** enabling efficient package selection, ticket booking, and itinerary management.
  - Improved user experience and operational efficiency for the travel agency by integrating booking workflows and dynamic content.

## Hand Gesture Recognition

- Built a deep learning-based system for converting hand gestures into text using CNNs, with custom UI and sentence-building features.
- Designed and implemented a gesture recognition system using Convolutional Neural Networks (CNN) to identify static, single-hand signs from a custom dataset.
  - Developed an interactive UI that displays top-5 prediction options for user selection and enables sentence formation by merging recognized alphabet gestures.
  - Enabled dynamic addition of new gestures by allowing users to create and store custom gestures for future recognition and model training.
  - Integrated image-based gesture scanning for static gesture recognition, enhancing accessibility and input flexibility.
  - Delivered a unique feature that supports building complete sentences from sequential gesture inputs, simulating real-time communication for hearing-impaired users.

# KEY ACHIEVEMENTS

<div></div> <div><b>Hackathon Finalist</b> Hackathon Finalist – Built a speech-to-text web app within 1 month; advanced to the final round</div>	<div></div> <div><b>Client Appreciation</b> Received <b>client recognition</b> for consistently meeting project deadlines and resolving <b>40+ high-priority issues</b>, enhancing client satisfaction and delivery confidence.</div>
<div></div> <div><b>Order Success Rate Improvement</b> Increased order success rate from <b>90% to 95%</b> by fixing critical website bugs and optimizing backend processes, improving system reliability and transaction flow.</div>	

# EDUCATION

Bachelor of Technology (B.Tech)

Dayananda Sagar University

- 📍 Bengaluru, India
- Completed : 2021

GPA  
8.89 / 10

Pre-University (PCMB)

Jain University

- 📍 Bengaluru, India
- Completed : 2017

%  
90 / 100

Secondary Education (ICSE)

Sree Rama Vidyalaya

- 📍 Bengaluru, India
- Completed : 2015

%  
90 / 100