ROOPESH SRINIVASA

Full Stack Developer

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SUMMARY

Detail-oriented Full Stack Developer with 3.9+ years of experience building scalable, user-focused web applications using Angular, JavaScript, TypeScript, Node.js, Java, and AWS. Proficient in front-end and back-end development, clean code practices, performance optimization, and API security. Adept at improving user experience and collaborating with cross-functional teams to deliver high-quality, maintainable solutions aligned with business goals.

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 CMS   Okta   Storybook   NodeJS   AWS API Gateway   Postman

Contentful   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 including Sign-In and Meeting Registration using Angular, with integrated **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.

PROJECTS

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** with tailored themes and plugins to align with specific client branding and functionality 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.

EDUCATION

Bachelor of Technology (B.Tech)
Dayananda Sagar University
📍 Bengaluru, India

GPA
8.89 / 10

Pre-University (PCMB)
Jain University
📍 Bengaluru, India

GPA
9 / 10

Secondary Education (ICSE)
Sree Rama Vidyalaya
📍 Bengaluru, India

GPA
9 / 10

KEY ACHIEVEMENTS

⭐ **Hackathon Finalist**
Hackathon Finalist – Built a speech-to-text web app within 1 month; advanced to the final round

↗ **Client Appreciation**
Client Appreciation – Recognized for meeting deadlines and resolving 20+ critical issues

⭐ **Order Success Rate Improvement**
Order Success Rate Increased by 5% – Fixed website bugs and optimized backend processes, boosting success rate from 90% to 95%