JOYBRATA SARKAR

Indore, Madhya Pradesh, India

📞 +91 8637543959 ✉ joybrata.official@gmail.com in LinkedIn M Medium Article

Summary

- **Experienced Frontend Developer** with expertise in Angular and Django.

- Led development of three SaaS products from inception to implementation.

- Advocate for Agile methodologies, particularly SCRUM.

Skills

Frontend Development: Angular, React, HTML5, CSS3, JavaScript, TypeScript, RxJS, Ngrx, API Integration, UX Design, RecordRTC

Backend Development: Python, Node.js, Django, C++

Version Control: Git/GitHub

Database: SQL, PostgreSQL

WebRTC: Real-Time Communication

Agile and Project Management: Scrum, JIRA

Professional Experience

Front-End Software Engineer — Supersourcing
Onsite — *Dec. 2022 – Present*

- **Optimized** application performance and maintainability using NgRx,improvement in page load times.

- **Developed** a real-time chat application with Socket.io, facilitating seamless communication between administrators and vendors.

- **Led** the front-end development of critical features, including the design and implementation of the user authentication system and real-time chat interface. Collaborated closely with back-end developers to ensure seamless integration and functionality.

- **Spearheaded** technical interviews and recruitment efforts, leading to the successful hiring of 3 skilled developers who significantly contributed to project milestones.

- **Championed** coding standards and conducted comprehensive code reviews to maintain a high-quality codebase, resulting in a **15%** reduction in bugs. Implemented automated testing procedures to enhance code reliability and stability.

- **Mentored** junior developers, providing hands-on guidance and support in coding best practices and project workflows. Through targeted mentoring and code review sessions, achieved a **20%** reduction in bugs in production code.

Web Developer — BOTShreyasi
Onsite — *Aug. 2022 – Nov. 2022*

- **Designed** user-centric features, boosting productivity.
- **Collaborated** effectively for high-impact solutions.
- **Enhanced** performance with innovative features like Resume Parser.
- **Streamlined** operational efficiency, increasing user satisfaction.

Web Developer Intern — BOTShreyasi
Onsite — *Feb. 2022 – Aug. 2022*

- Developed web apps using Angular, Laravel, and MySQL.
- Collaborated with backend to build robust RESTful APIs.
- Demonstrated adept debugging skills and adaptability.

Co-Founder **Bookriver.in**

Onsite *Feb. 2020 – 2022*

- Established and managed online platform for buying and selling used books.
- Conducted market research and engaged with users for continual enhancements.
- Successfully expanded platform for seamless user experience.

Projects

AI Interview Platform **Supersourcing**

Onsite *Dec. 2022 – Present*

- **Description**: Developed an AI interview platform from inception to implementation.
- **Features**: Led the project
  * Implemented advanced Text-to-Speech technology using elevenlabs.io for interviewer prompts, enhancing natural interaction.
  * Utilized Assembly.ai for precise Speech-to-Text conversion, ensuring accurate capture of candidate responses.
  * Integrated proctor mode with face mesh technology for monitoring candidate head positions, ensuring engagement and attention.
  * Enabled screen-to-video recording capabilities, facilitating comprehensive candidate evaluation.

Applicant Tracking System (ATS) **Supersourcing**

Onsite *Dec. 2022 – Present*

- **Description**: Led the project of an Applicant Tracking System (ATS) as part of a SaaS project.
- **Impact and Experience**:
  * Designed user-centric features for the ATS dashboard to improve user productivity.
  * Collaborated with technical teams and product managers to deliver high-impact solutions.
  * Led the project, managing architecture decisions, global to local state management, and all other features.
  * Assigned tasks to junior team members, ensuring efficient project execution.

Vendor Sourcing Platform **Supersourcing**

Onsite *Dec. 2022 – Present*

- **Description**: Developed a vendor sourcing platform as part of a SaaS project, streamlining the candidate hiring process in the HR tech domain.
- **Impact and Experience**: Led the project, ensuring successful delivery and client satisfaction.
  * Spearheaded the project, making crucial architecture decisions and overseeing all development phases.
  * Implemented global to local state management and other essential features, enhancing platform performance and user experience.
  * Assigned tasks to junior team members, fostering their skills development and ensuring project deadlines were met.
  * Cultivated and managed vendor relationships, ensuring alignment with project requirements and deadlines.

Education

Bhilai Institute of Technology **Sep. 2020 – Aug. 2022**

Master of Computer Application *Durg, Chhattisgarh, India*

K.L.E. Society's S. Nijalingappa College **Jul. 2017 – Aug. 2020**

Bachelor of Computer Application *Bengaluru, Karnataka, India*

Honors and Awards

- Received the **Top Performer** award at BOTShreyasi in August 2022.

- Earned the School Prefect Award in HSC.

Activities and Volunteer Experience

- Active member of the Startup Club at Bhilai Institute of Technology.

- Organized college events and guest lectures.

- Excelled in inter-college cricket events.