Abhishek Sarabi

Senior Software Engineer

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Professional Summary

Senior Software Engineer with 4+ years of experience in **Full-Stack Development**, API Integration, System Optimization, and **Cloud Technologies**. Expertise in automation, **cross-platform development**, and scalable back-end architecture. Proven ability to **lead teams**, optimize performance, and **drive innovation**.

Technical Skills

- **Backend:** Node.js, Express.js, Java, Python.
- **Frontend:** React.js, JavaScript, HTML, CSS, Redux.
- **Database:** PostgreSQL, MySQL, MongoDB, Redis.
- **DevOps:** Docker, Nginx, AWS (S3, EC2), CI/CD, Kubernetes.
- **Automation & Tools:** Selenium, Playwright, FFmpeg, SAP BTP.

Professional Experience

pCloudy | Senior Software Engineer   **Jan 2023 - Present**

- **Led development** of Browser Cloud V2, improving *deployment efficiency by 30%*.
- **Automated browser updates** (Chrome, Firefox, Edge, Safari), increasing *user flexibility by 40%*.
- **Developed Redis-based session management**, boosting *backend performance by 30%*.
- **Integrated FFmpeg** for automated video recording of browser sessions and implemented an API to **retrieve reports**.
- Designed API for **real-time video storage** in AWS S3, enhancing reporting and playback functionality.
- **Enhanced security** by implementing **machine authentication middleware** and restricting background apps.
- Built a **real-time monitoring dashboard** for browser sessions, improving admin insights.

pCloudy | Software Engineer   **Apr 2021 - Dec 2022**

- **Developed automated screenshot storage APIs** in AWS, improving *data retrieval by 25%*.
- **Led Selenium automation** for cross-browser testing, reducing *test execution time by 25%*.
- Built a **dashboard for system admins**, displaying **real-time browser statistics** and reducing *support requests by 35%*.
- Implemented **user session tracking**, increasing efficiency in identifying active sessions.
- Optimized **database queries** for faster session retrieval, reducing *latency by 20%*.
- **Implemented Playwright automation** for Chrome and Edge, improving testing reliability.

Key Projects

- **Browser Cloud V2** *Enhanced automation, screenshots, idle timeout.*
- **Browser Release Notification System** *Automated version tracking & alerts.*
- **Video Recording for Reports** *Developed an FFmpeg-based recording system.*
- **Session Monitoring API** *Designed a real-time API to track browser usage sessions.*
- **AWS Cost Optimization** *Optimized cloud infrastructure, reducing AWS costs by 20%.*

Achievements & Certifications

- **Star Performer of the Quarter** - Recognized for **outstanding technical contributions and innovation**.
- **SAP BTP Cloud Development** (Ongoing).

Education

B.E. Computer Science & Engineering, Basaveshwar Engineering College | CGPA: 8.7   **Aug 2017 - Sep 2021**

Languages

English, Hindi, Kannada