

# Apavayan Sinha

Software Engineer | Full-Stack Developer

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## SUMMARY

Software Engineer with over 3 years of experience in full-stack development for organizations like AWOKE India and Global Webs Link. Key achievements include:

- Improved project delivery by 25% through Project Manager engagement and roadmap establishment.
- Improved system efficiency by 36% through scalable software architectures, resulting in 55% faster response times and higher user satisfaction.
- Automated over 50% of HR processes, reducing average response time from 5 to 2 hours.

## EXPERIENCE

### AWOKE India Group - AWOKE India Consultants Pvt Ltd

Sep 2023 - Date

Lucknow, India

#### Software Engineer

- Collaborated with the Project Manager to document user requirements for the Internal Management Platform, improving project delivery timelines by 25%.
- Increased application performance by 36% through modern system design and architecture. Designed reliable and scalable software architectures for middle and back-office applications, improving system performance.
- Automated reporting features that enhanced regulatory compliance audits; and reduced audit preparation time by 15 hours per month while addressing three critical areas of non-compliance identified during reviews.
- Deployed Redis as a caching solution, achieving a 20% reduction in database load while improving application response time from an average of 200ms to under 100ms for end-user transactions.
- Automated more than 50% of H.R. Process by implementing and customization of HRMS as per AWOKE India culture.
- Created an innovative system for automating the implementation of trainers; integrated real-time alerts and updates which reduced manual errors by over 60%, enhancing overall operational reliability in physical training sessions.
- Innovated tracking tool that streamlined oversight of over ₹20 million in funds allocated towards CAPEX and OPEX initiatives; improved financial transparency with real-time data access throughout all project stages.
- Prepared a Warrper Module leveraging Generative AI technology, specifically utilizing ChatGPT, to optimize the proposal email composition process for leads, resulting in a 30-minute reduction in preparation time per email.
- Integrated third-party REST APIs, including LeadSquare and Dhawni, to enhance system functionality and streamline processes.

### Global Webs Link

Sep 2019 - Jul 2021

Lucknow, India

#### Software Developer

- Led innovative solutions to enhance user experience and streamline data access processes.
- Developed cross-platform mobile apps for news aggregation on Android and iOS using Java and Objective-C, integrating the WordPress API for article retrieval and Firebase Cloud Messaging for notifications.
- Created a web application tailored for managing Virtual Marathon events, supporting over 1,500+ participants during the COVID-19 pandemic and enhancing overall engagement through real-time tracking of performance metrics from Strava and Fitbit.
- Developed an Internal Job Reference System for the Alumni Portal that allowed over 500 students and alumni to easily connect, post, and apply for job opportunities within a streamlined interface.
- Integrated an innovative Gallery feature utilizing REST APIs within a React.js application; enhanced community engagement by allowing users to upload and share 500+ photos monthly, fostering increased interaction.

## SKILLS

**Programming Languages** JavaScript ES6 | TypeScript | Python 3 | Java 21 | C++ | C | HTML | CSS | PHP | MySQL | NoSQL  
**Technologies** AWS BS/EC/EC2/ELB | React.js | Firebase | Redis | RestAPI | GraphQL | MongoDB | Node.js  
**Framework/Tools** SpringBoot | Next.js 14 | Frappé Framework | Django | Laravel 10 | Scrum | Git | Express.js

## EDUCATION

### Master of Computer Application

2021 - 2023

Dr. Bhimrao Ambedkar University, Agra, India

### Bachelor of Computer Application

2016 - 2019

Lucknow Public College of Professional Studies, University of Lucknow, India

## PERSONAL PROJECTS

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**PrameyShala.com - Edutech Platform  
Annual Fest Management System**

## OPEN-SOURCE CONTRIBUTION & VOLUNTEERING

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**LineageOS – Android Distribution**

**2015 - 2019**

*Recognized Contributor*

*Remote*

- Collaborated with a team of developers to contribute code, code review submissions, and ensure the stability and functionality of custom firmware.
- Demonstrated proficiency in developing and customizing firmware to enhance device performance and user experience by 10% and saved energy by 5%.

**XDA-Developer.com**

**2013 - 2019**

*Recognized Developer/Contributor*

*Online Forum, Remote*

- Recognized as a top 1% developer by peers for providing critical support in resolving over 100 technical issues, directly enhancing project delivery timelines and ensuring seamless integration for fellow developers within the team.
- Showcased skill in developing open-source projects and working together to solve problems within the technology community.
- Designed and implemented a blue light filter and dark mode feature for an operating system, enhancing user interface satisfaction ratings by 40% based on collected feedback from over 200 beta testers.

## LICENSES & CERTIFICATIONS

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- **Python Training** - Bolt IoT
- **JavaScript (Basic) Certificate** - HackerRank
- **Python (Basic) Certificate** - HackerRank
- **Certificate for Completion of PHP and MySQL** - Udemy
- **Certificate for Completion of FrontAccounting Training** - IIT Bomday
- **Certificate for Completion of C** - IIT Bomday
- **Certificate for Completion of Cpp** - IIT Bomday