Priyavrat Misra

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Summary

Software Engineer with a Computer Science background, specializing in writing clean and efficient code. Passionate about accessibility, algorithms, operating systems, and computer architecture, alongside an enthusiasm for blogging and open-source software.

Skills

Programming, Query & Markup Languages : Java, C++, JavaScript, TypeScript, SQL, MongoDB, HTML, CSS, Markdown
Frameworks & Libraries : Spring Boot, JUnit, Angular, RxJS, SLF4J, AssertJ, Apache POI, Jackson, OpenAPI (Swagger)
Development Tools : Vim, Git, cURL, GNU Make, Apache Maven, Accessibility Tools (axe DevTools), Splunk
Other Skills : Problem Solving, Unit Testing, Technical Documentation, Web Accessibility (WCAG 2.2)

Experience

ADP   Jan 2023 – Present
Member Technical – Global Product & Technology (GPT)   *Hyderabad, Telangana*

- Took individual ownership to enhance ADP SmartCompliance for parallel onboarding with ADP HCM systems (Workforce Now, Lyric, Vantage, TotalSource, GlobalView, and Enterprise). Implemented efficient, asynchronous event handler webhooks and APIs to streamline data exchange, automate client information population, and substantially reduce onboarding time.
- Contributed significantly in streamlining the migration process of 76,850 ADP Workforce Now clients from Wage Garnishment Processing Service to Full-Service Wage Garnishment, reducing migration time from 12–16 weeks to under 2 weeks and generating $20M in revenue.
- Enabled seamless onboarding of Oracle Fusion Cloud HCM clients to ADP SmartCompliance Employment Verification services by securely capturing client data and credentials for HCM integration.
- Developed intuitive and responsive user interfaces for ADP SmartCompliance, prioritizing accessibility and usability.

Indian Institute of Science Education and Research   Feb 2020 – Mar 2020
Intern   *Brahmapur, Odisha*

- Enhanced the user interface of iiserbpr.ac.in, improving usability and visual design for a seamless experience.
- Collaborated with senior engineers and participated in educational sessions, gaining hands-on experience with industry-standard tools and technologies.

Education

Parala Maharaja Engineering College   Aug 2017 – Jul 2021
Bachelor of Technology in Computer Science and Engineering   *Brahmapur, Odisha*

- **Relevant Coursework** : Data Structures and Algorithms, Discrete Mathematics, Operating Systems, Computer Networks, Databases, Computer Organization and Architecture

Projects

https://priyavr.at	Personal website and blogging platform built with Hugo.	[Site]	[Code]
poijo	Java library with a fluent, annotation-driven API for working with Excel spreadsheets.		[Code]
mish	Lightweight Linux shell implemented in C with basic command execution.	[Demo]	[Code]
amaze	Visually appealing maze generator built with C++ and SFML.		[Code]
computime	Telegram bot that estimates YouTube video duration at custom playback speeds.	[Demo]	[Code]
xrays-and-gradcam	CNN based X-ray classifier for COVID-19 and other inflammatory lung diseases.	[Paper]	[Code]
image-colorizer	Convolutional Autoencoder model with residual networks to colorize grayscale images.		[Code]
scifi-lorem	Character-level RNN for generating synthetic science fiction text samples.		[Code]

Awards & Activities

- Secured third place by cycling 105 KM in *#ADPIndiaTurns25* challenge ride (2024).
- Winner, ADP Global Product and Technology (GPT) Connect Artwork Competition (2023).
- Winner, ADP SmartCompliance Solutions Best Ad Experience Contest (2023).
- Recipient, Udacity Deep Learning Nanodegree Scholarship (2020), awarded to top 5% performers among 15,000 participants.
- Gold Medalist, Quiz organized by Inspire Science Camp, Department of Science and Technology, Government of India (2016).
- Silver Medalist, National Science Olympiad 2014-15, School-level.
- Gold Medalist, National Science Olympiad 2013-14, School-level and City-level.