

Shibaji Debnath

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Summary

- ❖ He has around 14 years of experience in Training and S/W Development, Implementation, Testing as QA
- ❖ With very good knowledge on Online Publishing Media Domain and Retails domain, Education Domain (LMS), good hands-on experience in PHP, Laravel, , Angular 12.0, Flutter.
- ❖ Good Analytical and Programming skills with good debugging skills and problem-solving approach.
- ❖ Good interpersonal and communication skills, commitment and result oriented. Exposure on Web services using Restful web services for devices.
- ❖ Deeply Involved in Researcher and Development for Tools and coding Analysis with third party integration.
- ❖ Exposure to knowledge Agile SCRUM process and Design Patterns.
- ❖ Project experience in PHP/Laravel technologies, MVC framework and Laravel based web applications.
- ❖ Responsible for Deployment in production as per monthly cycle's release.
- ❖ Involved in Unit Testing and regression testing in local, stage and production Environments. Involved in Parallel testing, Group testing, Manual Testing, smoking testing, Writing Test Cases using Piranha Testing Frame built on test NG framework.
- ❖ Worked as deployer using cloud-based technologies AWS, Google Cloud. Continues Integration tools like Jenkins, well familiar with concepts of Puppet, Chef tools.

Trainings delivered:

I gives Training more than 30Companies, Some Important name here below.

- ✓ ReactJS Training for GeoAlgo,
- ✓ PHP CMS Training for Webel Indus,
- ✓ Angular Training for RS Softwares,
- ✓ MEAN Stack Training for Enbit Tehnology,
- ✓ MERNstack Training for **Tech Mahindra**,
- ✓ Teach Facilities on Fullstack Development Trainings for **NIIT**,
- ✓ Angular Training **Cognizant**,
- ✓ Website Development with HTML5, CSS3, for Interactive Learning **Tata Interactive Systems**,

- ✓ Core JAVA Training for **TCS**,
- ✓ Mobile Application Development with JAVA Training for **HP**
- ✓ etc.

Employment History

- ❖ Freelance Software developers Trainer with Various Technologies (Like eg: Laravel, Angular, ReactJS, VueJS, NodeJS, ExpressJS, Flutter for Mobile application development etc).
- ❖ Senior Mobile Application Developer with Flutter framework for SportsVisio.inc. - from Aug 2021 to March 2022.
- ❖ Senior Software Consultant on PHP & NodeJS Full Stack and Project lead for Own Clients - Since 9 Jan 2016 to till date.
- ❖ Worked as a Lead Software Engineer for Medust Technology Pvt. Ltd., Kolkata from Feb 2017 to May 2020.
- ❖ Worked as a Software Engineer Google India, Hyderabad from September 2015 to November 2016.
- ❖ Worked as Senior Software Developer Trainer for Webel Indusnet Technologies Company, Kolkata [July 2015 to Jan 2016]
- ❖ Worked as Flash Integrator for Tata Interactive Systems[20th march 2010 to 31st July 2012]
- ❖ Worked as Faculty Trainer for Computer Infotech Education , Kolkata May 2009 to June 2010

Technical Skills

Operating System	:	MacOS, Window 10, Linux (Ubuntu, CentOS)
Programming Languages	:	Python, PHP, JavaScript, Dart
UI Scripting Languages	:	JavaScript, Angular12, ReactJS, VueJS
Development build Tools	:	NPM, Composer
IDE	:	Visual Studio Code
ORM	:	Eloquent ORM, TypeORM
Application and Web Server	:	Apache Server, NGINX
Web Service	:	Restful, larval web service
Deployment Tools	:	Jenkins continuous integration.
Framework	:	Laravel, NestJS, ExpressJS
Data Base	:	MySQL, Sqlite, Oracle11g, Postgres, AWS-s3 bucket for storing files.

Cloud Technologies	: AWS EC2, S3, Google Cloud, Digital Ocean etc.
Mobile App Development	: Dart & Flutter Framework, React Native
Map Location Tools	: Google Developer Console Tools.
Payment Gateway	: Stripe, Instamozo, Paypal.
Share File Tool	: File Sync and Sharing Google Drive tools
Deployment tools	: Docker, GitHub Actions

1. Strong web (UI) development skills using **HTML5, CSS3, Bootstrap, Angular Material**
2. Strong programming skills in client-side technologies: **JavaScript, TypeScript, Angular12, ReactJS, VueJS, SvelteJS**.
3. Experience in writing unit and e2e testing using: **Jasmine, Karma, Protractor**
4. Strong programming experience in **PHP, Laravel 8**
5. Hands on Experience in Laravel Framework (**PHP Core, Laravel MVC, Laravel AOP, Sp, Laravel Security, Laravel Template, Laravel Packages**).
6. **Working experience for Mobile Application Development with Flutter Framework.**
7. Working experience with ORM tools like **Eloquent ORM / TypeORM**.
8. Hands on experience on **RDBMS, Data Modelling using ERD, SQL/PLSQL**
9. Implementing and Developing **RESTful Web Services**
10. Writing unit and integration testing using **PHPDebugger, Mockito, Laravel Unit Test**
11. Hands on experience in **Microservices architecture**
12. Developing scalable Microservices using **Google Cloud**
13. **Continuous Integration (CI): Github CLI / Gitlab CI**
14. **Continuous Deployment (CD): Docker, Kubernetes**
15. Project Management Tools: **Composer/ NPM / Gradle**
16. Version Control System: **Git / Bit Bucket**

1. SDN Technology

Skills used for Company.

Operating System	: MacOS, Linux(Ubuntu)
Programming Languages	: JavaScript, TypeScript, NodeJS, Dart Language
Control version	: GitHub
UI Scripting Languages	: Bootstrap5, TailwindCSS, Angular13 to 16, ReactJS.
Development build Tools	: NPM, DartVM
IDE	: Visual Studio Code
ORM	: Firebase FireStore, TypeORM
Application and Web Server	: Firebase, NodeJS Server,
Web Service	: NestJS, ExpressJS
Deployment Tools	: Github and Docker.
Frame Work	: Laravel 8.x & NestJS with NodeJS.
Database	: MySql or Postgres, MongoDB
Cloud Technologies	: AWS, AWS S3 bucket, Google Cloud
Performance and Monitoring Tools	: Chrome Developers Tools
Payment Gateway	: Stripe, Instamozo.
Share File Tool	: File Sync and storing, SSH and FTP, firebase cli.

Mobile Application Development	: Flutter Framework for Mobile App development.
Cron Jobs	: Laravel Schedulers, Node Cron Package
Develops tools	: Docker, Amazon web services, Firebase.
Role	: Senior Full-stack Software Developer

Developing Third Party Softwares development as per client requirements. Most of the time I was develop basic frameworks for applications. Frontend Technology Research and Development for the project requirements. Micro-services Creation for Frontend Applications. Developed Mobile App Development Framework designed by Flutter and NestJS for Server-side.

2. SportsVisio.inc

Skills used for Company.

Operating System	: MacOS,
Programming Languages	: Dart Language
Control version	: Bitbucket
UI Scripting Languages	: Flutter Framework.
Development build Tools	: NPM, DartVM
IDE	: Visual Studio Code
ORM	: Dart Models
Web Service	: NestJS, ExpressJS
Deployment Tools	: Github and Docker.
Frame Work	: NestJS with NodeJS.
Database	: MySQL or Postgres, MongoDB
Cloud Technologies	: AWS, AWS S3 bucket, AWS Kinesis
Performance and Monitoring Tools	: IOS and Android Mobile Devices / Emulator
Payment Gateway	: Stripe.
Share File Tool	: Git Cli Commands.
Mobile Application Development	: Flutter Framework for Mobile App development.
Role	: Senior Mobile Application Developer

Developing UI using Flutter Framework. Prepare Mobile Charts for Data Analysis for Player and Teams Performances. Development Video Capture and Render in realtime. Also video data streaming for web server. Making video recording and Playing features like OTT platforms.

3. Larnr E-learning Systems (<https://larnr.com>)

Skills used in project.

Operating System	: MacOS, Linux(Ubuntu)
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Programming Languages	: Core PHP, JavaScript, NodeJS
Control version	: GitHub
UI Scripting Languages	: Bootstrap5, PugJS, Angular12, ReactJS.
Development build Tools	: NPM, DartVM
IDE	: Visual Studio Code
ORM	: Eloquent ORM
Application and Web Server	: Apache Server, WebMin,
Web Service	: Restful (Lumen)
Deployment Tools	: Jenkins continuous integration.
Frame Work	: Laravel 8.x & NestJS with NodeJS.
Data Base	: MySql or Postgres
Cloud Technologies	: AWS, AWS S3 bucket
Performance and Monitoring Tools	: Chrome Developers Tools
Learning Platform Tool	: LabOnDemand and ClassMarker(Third party tool)
Map Location Tools	: Google Developer Console Tools.
Payment Gateway	: Stripe, Instamozo.
Share File Tool	: File Sync and storing.
Cron Jobs	: Laravel Schedulers, Node Cron Package
Develops tools	: Docker, chef with Amazon web services.
Role	: Fullstack Software Developer

Description: Larnr eLearning Systems is LMS product based hub where new customer, existing employee as a customer of company and company vendor, internal employee of company interacts with technical and product bases course, certifications and workshop conducted by Citrix Systems across the world. It has many authorised E- learning centers across the US and world. Here customer can enroll with necessary courses based on citric products like zen desktop, Visualization and many more through online using payments gateways get certified and become technical skilled professional experts.

Responsibilities and Tasks performed:

- ✓ Working as role front end developer using Angular 12
- ✓ Responsible for writing CSS, html 5 bootstrap based UI screen.
- ✓ Responsible for writing webservice as backend (Server-side code)
- ✓ Responsible for integration of angular module with backend (server-sidecode)
- ✓ Responsible for development
- ✓ Responsible for R & D task from scratch level based on project exploration.
- ✓ Involved in agile methodology process.
- ✓ Interaction with cross functional team.
- ✓ Debugging the application using chrome debugger tools.
- ✓ Has strong motivation to take independent responsibility as well as ability to contribute and hence be a productive team member.
- ✓ Wrote Cron jobs for back end task.
- ✓ Understanding the functional requirements and business flow of the project.
- ✓ Involved in grooming sessions for clear understanding of requirements.
- ✓ Involved in Effort Estimation during Sprint Deliveries based on story points.

- ✓ Completely involved in database migration

2. Head Software Engineer (<https://www.medust.com>)

Skills used in project.

✓ Operating System	MacOS, Window 10, Linux Ubuntu
✓ Programming Languages	Core Java, PHP, JavaScript, Dart Language
✓ Control version	GitHub
✓ Crawled Tools	prerender.io
✓ UI Scripting Languages	JavaScript, AngularJs1.x, 2, 12, bootstrap 5.x
✓ Development build Tools	Gradle for Android APK Compilation
✓ IDE	VS Code
✓ ORM	Eloquent ORM, TypeORM
✓ Application and Web Server	Apache Server (SSR)
✓ Web Service	Restful (Lumen), ExpressJS, NestJS.
✓ Deployment Tools	Docker and FileZilla.
✓ Framework	Laravel 8.X, AdonisJS, NestJS
✓ Data Base	MySQL
✓ Cloud Technologies	AWS, AWS S3 bucket
✓ Performance and Monitoring Tools	NewRelic
✓ Learning Platform Tool	IBM cloud Broker tool, Quatrics Survey tool
✓ Map Location Tools	Google Developer Console Tools.
✓ Payment Gateway	Stripe, Digital River.
✓ Share File Tool	File Sync and storing.
✓ Cron Jobs	Laravel Scheduling
✓ Content Tool	Composer Package.

Role: Full-stack Developer

Description: Larnr Education. It is portal, hub of all kinds of certification courses, virtual training based on products of Larnr across the US and world. These products base courses are applicable for all kind of customers like, Internal employee, new customer seeking for expertise on larnr products, other vendors who are using larnr products need training.

Responsibilities and Tasks performed:

- ❖ Working as role front end developer using Angular 12
- ❖ Responsible for writing CSS, html 5 bootstrap based UI screen.
- ❖ Responsible for writing web service as backend (Server-side code)
- ❖ Responsible for integration of angular module with backend (server-side code)
- ❖ Responsible for development
- ❖ Responsible for R & D task from scratch level based on project exploration.
- ❖ Involved in agile methodology process.
- ❖ Interaction with cross functional team.
- ❖ Debugging the application using chrome debugger tools.
- ❖ Has strong motivation to take independent responsibility as well as ability to contribute and hence be a productive team member.

- ❖ Understanding the functional requirements and business flow of the project.
- ❖ Involved in grooming sessions for clear understanding of requirements Involved in Effort Estimation during Sprint Deliveries based on story points.

3. Software Developer (<https://www.google.co.in>)

Skills used in project.

✓ Operating System	Window 7
✓ Programming Languages	Core Java, JSP.
✓ Control version	Source Tree
✓ UI Scripting Languages	JavaScript.
✓ Bug Tracking Tools	Jira
✓ Development build Tools	Eclipse Test NG tools
✓ Web Service	Restful (jersey2.x)
✓ Deployment Tools	Jenkins continuous integration.
✓ Testing Framework frame work	Piranha Testing frame work built on Test Ng

Role: API Developer and Software Engineer

Description: Building API Services for the payments application. To make sure secure payment options.

Responsibilities and Tasks performed:

- ✓ Written Payment API.
- ✓ Analysis of API Endpoints on product code versions.
- ✓ Testing done through local..
- ✓ Responsible for R & D task from scratch level based on project exploration.
- ✓ Involved in agile methodology process.
- ✓ Interaction with directly from customer and cross functional team.
- ✓ Debugging the application using chrome debugger tools.
- ✓ Has strong motivation to take independent responsibility as well as ability to contribute and hence be a productive team member.

4. Flash Developer (<https://www.tatainteractivesystems.com>)

Skills used in project.

✓ Operating System	Window 7
✓ Programming Languages	Dot Net, Flash ActionScript.
✓ Control version	Visual Server Safe
✓ UI Scripting Languages	ActionScript.
✓ Bug Tracking Tools	Jira
✓ Development build Tools	Eclipse Test NG tools
✓ Web Service	Soap API

✓ Deployment Tools

Jenkins continuous integration.

Role: Flush Integrator

Description: Integrate Photoshop Design with Flush. Makes Beautiful Interactive UI by Flush for Websites.

Responsibilities and Tasks performed:

- ✓ Integrate UI with flush and ActionScript, XML.
- ✓ Analysis of Interactive UI on product code versions.
- ✓ Testing done through local..
- ✓ Responsible for R & D task from scratch level based on E-Learning Contents.
- ✓ Involved in agile methodology process.
- ✓ Interaction with directly from customer and cross functional team.
- ✓ Has strong motivation to take independent responsibility as well as ability to contribute and hence be a productive team member.

Projects Experiences: This Projects Completed by Myself

1. Astrology Portal: PandeetJi.com

Backend: Developed With Laravel PHP.

Mobile Apps: Developed With Flutter.

Features: Realtime Chat Features, Location Tracking. Photo Uploading, Notification System.

2. E-Learning Portal:

Backend: Developed with **Laravel** and **NestJS**

Frontend: Developed With PugJS, Angular, React

Features: Video Uploading and Converting Space Optimisation like YouTube.

Modules:

Admin Modules:

- Here Used ReactAdmin,
- Visitors Activity Tracking,
- All Users List and Managements
- All Categories Management
- All Topics Management
- All Tags Management
- Many more...

Teachers Modules:

Here Used Angular
Teachers Activity Tracking
Course Upload and Sales Tracking.
Message and Comments

Students Modules:

Here Used Angular
Video Content Learning Section
Message and Comments Section

Frontend: Frontend Designing we used for PugJS Template

3. LEADBOOK Plus for Business Process:

Backend: Developed with **NestJS**

Frontend: Developed with **Flutter**

Features:

1. Leads Capture and Manage
2. Sending Quotation
3. Quick Invoice from mobile
4. Payment QR code generation
5. App Notification
6. GPS Tracking.

Modules:**Super-Admin Section:**

Tracking Business Information

Business Admin Section:

Tracking Own Business Information
Products and Services Managements
Orderdetails Managements

Business User Section:

Quick Performance Tracker
Leads Capture and Managing Leads
Followups and Activities

Communicate with WhatsApp Message
SMS sending Through App for Client Communication
Generate Quotation for Services or Products
Sending Email with Quotation directly from App
Create and Tracking Invoices
User's Personal Income and Expenses Managing in The App
Calendar wise Report Tracking System

4. LegendAudioBook - Online Audio Play Portal

Backend: Developed with **ExpressJS** and **NodeJS**

Frontend: Developed with **Angular**

Features:

1. Audio Upload and Convert to .m4a and Store to S3 Server.
2. Audio Playlist, Tags, Genre etc.
3. Admin, Creator and Users management System
4. Audio Search when Play Another Audio file.
5. Sponsorships for the audio files.
6. Payment System and Gateway Integration.
7. Invoice Generate and Send to the Email

Modules:

Admin:

1. Users Activity Tracker with ChartJS Dashboard
2. All Audios PlayList
3. All Unlisted Audios List
4. Users Sections.
5. Sponsor Section.
6. Creators Section.
7. Payments Section.
8. Settings and More...

Creator:

- 1. Creator Dashboard**
- 2. Audio List**
- 3. Audio Books**
- 4. Monetisation**
- 5. Channel Settings**

Sponsor:

- 1. Sponsor Dashboard**
- 2. Audio Ads and Display Ads**
- 3. Audio and Picture upload**
- 4. Campaign Creation**
- 5. Add Fund using Payment Gateway.**
- 6. Campaign Analytics**
- 7. Billing and Invoices**

Users:

Responsive UI for Desktop and Mobile using Angular Framework.

Custom Audio Playlist and Player

Audio Search and Search List

Audio Book Page

Creator Page

Login and Register, Logout etc.

5. Sportvisio - Mobile App

I was working for frontend part with **Flutter** only.

Features:

- 1. Players Data Tracking**
- 2. Player Profile Match and Compare**
- 3. Teams List**
- 4. Team Screen**

1. Player list
 2. Player Details
 5. Tournament Video player in to the app
 6. Live Streaming Play and Record By Mobile Too
 7. Chart integration and live Score board
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6. Australia Poker Tour

Working with **Flutter**, **Firebase** and **ReactJS** for Admin Part.

Backend: Firebase

Frontend: Flutter for Mobile and React for Admin

Features:

1. Admin:

1. Dashboard
2. Event List
3. Categories List
4. Payments
5. Users List
6. Host List

2. Host

1. Create Event
2. Make Event Premium for Boost
3. Payment Gateway Integration

3. Users

1. Welcome Page
 2. List of event
 3. List of Categories
 4. Play Event Tracking by Google Map
 5. Login and Signup with Google and Facebook
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7. Flutter Clean Architecture:

A new Flutter Enterprise project structure to build Bigger Application. Developers can use this application structure for making their application building.

Repository: https://github.com/imshibaji/flutter_clean_architecture

8. StoreKeeper App:

Retail Shop Management with Purchase and Sales, Stock Management, Barcode Generate and Reading, Printing/ Download Features Enabled. Also Here Adding GST Features Available and Bill Printing Options Are available

Repository: <https://github.com/imshibaji/StoreKeeper>

9. Laravel Website Admin Dashboard:

This Web Admin panel usable for the Enterprise application develop with **Laravel 8**

This A beautiful web admin develop for **Laravel** Framework. It's have so many screens. components, manageable menus, and auto dark modes included.

Repository: <https://github.com/imshibaji/laravel-website-admin>

10. AudioFly : Angular Audio Player App for Demo

Audio Player Application Development. Audio Can be played by Through offline or online files. Audio Files can be added into Playlist and Play the App.

Repository: <https://github.com/imshibaji/AudioFly>