**ARUN DHWAJ**

Bangalore, India

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**Section-1: Introduction**



I **Arun Dhwaj,** B.Tech. (CSE, Class-2006) from IIIT-H (International Institute of Information Technology, Hyderabad, India) is highly talented **Research & Development** and **Delivery/Result**

oriented **Technocrat** with an experience of 13.5 years in IT Industry. ***Expertise in Managing the team of talented s/w*** ***engineers with focus on RSA (Reliability, Scalability, Availability) factor. Having authoritative command on both:***

1. ***People Management*** *(Managing different pods/ teams, cross-functional team, stack-holder)* ***and ii) Technology (****Software Architecture: High-Level-Design, Low-Level-Design, Microservices****,*** *12Factor, Java-Full-Stack: Spring /**SpringBoot, MEAN-Stack,* Data Structures, Algorithms, DevOps, Cloud, etc)*.* ***50% Hands-on-coding****. Top 3% on stackoverflow.com, in 2016.* ***Rank on coder site HackerRank.com is within top 10. Technical Speaker in corporate.***

I am a systematic, organised/ un-organised, **Delivery** orientated, hardworking and dedicated Person with an analytical bent of mind with excellent academic credentials and proven tracks records.

I am a dedicated and focused person, determined to add value to the organisation I work for, through my exceptional affinity for RSA, and ROI (return on investment). I possess well developed communication skills, a technical speaker in corporate world with reputation of unwavering accuracy, credibility and integrity.

Currently I am spearheading as Head-of-Technology/ Engineering Manager at Vedantu Innovations Pvt. Ltd**.** I have demonstrated ability in swiftly ramping up from Products-to-Enterprise\_Products (RSA Factor) and **Ideation-to-implementation-to-deployment** on Cloud/ AWS with competent cross-functional skills and ensuring on time deliverableswithin pre-set parameters (Like: Resources, budget, etc).

**Section-2: Have Demonstrated**



1. **Value and Vision**
   * Farsighted and well-organised with impeccable track record of delivering superior performances under demanding work environments.
   * Hold credential for efficiently coordinating among cross-functional teams for project execution right from finalising ideation(PRD) to implementation to delivery.
   * Acknowledged **Thought Leader**, trainer and motivator having ability to harness team strengths and unify objectives to achieve and exceed defined business objectives.
   * Fine-tuned analytical and problem solving skills; possess superior verbal and written communication skills.
   * Fast learner of complex topics, and its successful implementer. Offering myself with following stacks:
2. **Core Competencies**: Technology
   * Software Architecture: Final Decision Maker,
   * Tech-stack decision: Final Decision Maker,
   * RSA pro: Performance Testing: Load/ Stress/ Endurance/ Spike/ Volume/ Scalability Testing,
   * Java Full Stack.
   * MEAN Stack.
   * DevOps: CI/CD, Deployment.
   * POC (Proof of Concept): Developing POC.
3. **Core Competencies**: Management
   * Team Management: Managing the teams of talented software engineers.
   * Cross-departmental co-ordination,
   * Setting up the protocols,
   * POC (Point of Contact) for the stack-holder/s,
   * Market pro,
   * ROI pro,
   * Scale pro,
   * Agility pro: Jira, Confluence, Asana, etc.
   * Code Quality: Code Review, etc.
4. **Software Architecture and Technologies selections**
   * **Software Architecture/Pattern**: Microservices, Event-Driven, Client/Server Multi-Tier, SOA, EnterpriseIntegration Pattern, DDD (Domain Driven Design), Monolithic-to-Microservices migration, 12Factor, etc.
   * **MQ (Messaging Queue)**: Kafka, RabbitMQ, etc.
   * **Blocking communication:** Synchronous RESTFul API, gRPC.
   * **Cache/ Cashing Technologies**: Redis, Memcached, etc.
   * **Load Balancer**: CLB (Classic Load Balancer), ALB (Application Load Balancer), NLB (Network Load Balancer),Nginx, HAProxy, Netflix's Edge, Envoy, etc.
   * **Cloud**: AWS, EC2, RDS, Elastic BeanStalk, Network/Application/Classic LB, Route53, SSL, Target-Group.
5. **Full-Stack Technologies**
   * **Backend: Java-Stack:** Spring Frameworks: SpringBoot, Spring Web MVC, Spring MVC, SpringCloud,JPA/JDBC, Hibernate, API (RESTFul).
   * **Backend: MEAN-Stack**: Node, ExpressJs, middleware, routing, authentication, RESTFul API, Socket-IO,WebRTC, etc.
   * **Frontend:** Angular 1.x – to - 6: Typescript, Angular-Material, Flex, Routing, HTTP Client, Pipe, SCSS.
   * **Frontend:** Web Technologies: HTML5, CSS3, Javascript, jQuery.
   * **Frontend:** IOS: iPhone/iPad, XCode, Objective-C, Swift. iOS SDK 3.0.0 – 9.0.0.
   * **Frontend:** Android: Java, Eclipse, Android Studio, Material Design. Android-SDK: Android 3.0 – 7.0.
6. **Server Technologies**
   * Tomcat Server: Set up on AWS and uses for Spring Framework in F2F projects.
   * NodeJS Server: Set up on AWS and uses for MEAN Projects.
   * TURN / STURN Server: Set up on AWS and uses as relaying server for LivDoc projects.
   * Nginx Server: Set up on AWS as a Load Balancer.
7. **DevOps Technologies**
   * Repository: BitBucket, gitHub.
   * CI (Continuous Integration): Jenkins.
   * Container: Docker.
   * Containers Orchestration: Kubernetes.
   * Project Management: Asana, BitBucket, JIRA.
   * Unit Testing: Junit.
8. **Database Technologies**
   * RDBMS/SQL: MySQL, PostgreSQL.
   * NoSQL (Not Only SQL): MongoDB, Cassandra, Redis.
   * Mongo DB Server: Mongoose package, mongo db.
   * RDS Server / MySQL: Set up and uses on AWS.
   * NewSQL: Exploring.
9. **Programming Logic & Language**
   * Logic: Data Structures, Algorithms, Memory Management, Multi-threading, Concurrency and Synchronisation.
   * Language: Java, Spring Frameworks (Boot, Data, Cloud, Security), C, Python, JavaSCript, TypeScript, Shell Script, Objective-C, Swift, Perl, and PHP.
10. **Demonstrative Skill set**
    * Technical Speaker: Developing POC (Proof of Concept) on demand to Technical / non-Technical audience, Taking session for demanding Technologies in within the Company.
    * Technical Speaker in corporate world. As a technical speaker during Entrotech 1.0 on 15th Mar, 2018. ( <https://www.facebook.com/fametechnologies/videos/1835781336473088/?t=682>).
11. **Publications / Research Papers**
    * Dependency Annotation Scheme for Indian Languages: (Link: http://www.iiit.net/cgibin/techreports/display\_detail.cgi?id=IIIT/TR/2007/78)
12. **Constant Learner**
    * Successfully completed the Machine Learning course from Coursera.org, with 100% score, offered by Prof. Andrew Ng, Stanford University.
    * I've completed approx. 50 certifications from renowned world standard authorities: Like: Coursera, Udemy, Infinite

Skills, Pluralsight, etc. References: <https://in.linkedin.com/in/arun-dhwaj-82b3b7b>)

1. **Motivator / Thought Leader / Ethical**
   * Keep motivating the people to achieve what they want.
   * Introduced Man of the Day Awards: Awesome result,
   * Motivated Developers to become Full-Stack Developer,
   * Motivated Manual Tested to become performance Tester,
   * In free time I used to read/ write Technical Blog, Theoretical Physics.
   * I've studies ShivPuran nine times. Going through the Bhagvad Geeta.

At this stage I find myself to be groomed enough to look outward and explore the possibility of placement as a Leadership roles, like: **Head of Technology** / **Senior Technology Leader** with higher responsibilities. A tour through my enclosed resume shall familiarise you with the details.

I am confident, the above credentials and my enclosed profile make me an ideally suitable for a position in your organisation. You would find a perfect fit for the said job. Thanks in advance for sparing your time. I would appreciate an opportunity for a personal interview.

Thanking you in Anticipation.

Yours Sincerely

**Arun Dhwaj**

**Section-3: Achievements**



* **100% score in Machine Learning**: Successfully completed the Machine Learning course from Coursera.org, with100% score, offered by Prof. Andrew Ng, Stanford University.
* **I've completed approx. 50 certifications** from renowned world standard authorities: Like: Coursera, Udemy,

Infinite Skills, Pluralsight, etc. References: <https://in.linkedin.com/in/arun-dhwaj-82b3b7b>)

* **Top 3%** on Stack Overflow, in 2016.
* **Top 10** in HakerRank.
* Played a vital role as a DQR [Divisional Qualitative Representative] of SDD [Software Development Department), Ybrant Digital.
* All India rank: 1965 in IIT JEE, 1521 in AIEEE, 78th in ICAR, 61st in B.C.E.C.E.
* Research Assistantship Holder, from 3rd year, at IIIT-H.

**Section-4: Academic Credentials**



* **Bachelor of Technology [CSE], 2006**

**IIIT Hyderabad, India**

* **Courses/ Certification Completed (Detail: See the latest list from here:**

[**https://in.linkedin.com/in/arun-dhwaj-82b3b7b**](https://in.linkedin.com/in/arun-dhwaj-82b3b7b)**)**

* The Java Spring Tutorial: Learn Java's Popular Web Framework, from Udemy
* Software Architecture Fundamentals People Skills, from Infinite Skills Inc
* Software Architecture Fundamentals Soft Skills, from Infinite Skills Inc
* Software Architecture Fundamentals Beyond the Basics, from Infinite Skills Inc
* Software Architecture Fundamentals Understanding the Basics, from Infinite Skills Inc
* Practical Android, from Infinite Skills Inc
* Spring MVC for Java Developers, from Infinite Skills Inc
* Java 8 - Beyond the Basics, from Infinite Skills Inc
* Learning Java 8, from Infinite Skills Inc
* Design Patterns in Java, from Infinite Skills Inc
* Beginners Java Programming, from Infinite Skills Inc
* Advanced Java Programming, from Infinite Skills Inc
* Building Web Services with Java, from Infinite Skills Inc
* Java EE 7, from Infinite Skills Inc
* UML Fundamentals: Completed online Course from Infinite Skills Inc.
* Object Oriented Programming in Java: Completed online Course offered by Coursera.org, with 100%
* Programming Mobile Applications for Android Handheld Systems: Part 1: Completed the online course offered by Dr. Adam Porter, From University of Maryland, College Park by Coursera.org. [Mar25-May'10-2015] with 100% Score.
* Programming Mobile Applications for Android Handheld Systems: Part 2: Completed the online course offered by Dr. Adam Porter, From University of Maryland, College Park by Coursera.org. [May6-June'16-2015] with 100% Score.
* Programming Cloud Services for Android Handheld Systems: Spring: Completed the online course offered by Dr. Douglas C. Schmidt, Dr. C. Jules White, From Vanderbilt University by Coursera.org. [June 17-July'23-2015]
* Algorithms - Design and Analysis, Part 2: Completed the online course offered by Prof. Tim Roughgarden, From Stanford University, by Coursera.org. [Jun30-Aug'25-2014] with 95.5% Score.
* Algorithms - Design and Analysis, Part 1: Completed the online course offered by Prof. Tim Roughgarden, From Stanford University, by Coursera.org. [Apr28-Jun'29-2014] with 91.5% Score.
* Machine Learning: Completed the online course offered by Prof. Andrew Ng, through Coursera.org, from

Stanford University with 100% score. Duration: Apr'13-Jun'13.

**Section-5: Professional Experiences**



**Vedantu Innovation Pvt. Ltd.**

**Since Apr 2019**

**Head-of-Technology / Engineering Manager**

* I had played both management and technological roles.
* Bring the Enterprise Tech Culture by ensuring RSA factor: Before me the existing project support 10k user visits per month. I'd orchestrate and manage the entire journey to support **1 billion user visits per month**.
* Green Filed Project: Learning-Outcome Project for Academic Mentor, Learning-Outcome Project for Student, Test Management System, Content Management Systems.
* Business Goal: Efficiently understand the business goal of the organisation, Co-ordination among different departments, managing the tech team directly, architecting the solution, POC (point of contact) for stack-holders.
* Team building: Hire and setup the team.
* Fixing the Revenue Leak / ROI Leak: Interacting with sales/ FOS team understand and working on the engineering strategy for fixing it.
* Developing and demonstrating the POC to potential stack-holders.
* Architecture and Technology stack selection: 100% involvement in HLD (High Level Design), LLD (Low Level Design).
* **Implementation: Involvement in coding (50%), Testing, Deployment.**
* Quality: Product Quality, Ensuring the Manual and Performance Testing: JMeter.
* DevOps: Introduced the culture of CI/CD: Repository/BitBucket, CI/Jenkins, CD/Docker, Container Orchestration/Kubernetes, Cloud/AWS).
* LMS (Learning Management Systems): Evolving the system to meet changing business needs taking advantage of appropriate new technologies.
* Developing procedures, service standards and operational policies, planning & implementing effective control measures to achieve the desired goals.

**SmartBitPixel Tech. Pvt. Ltd.**

**Since Jan 2016 – Apr 2019**

**Co-Founder & CEO**

* I had played both Technical (CTO) and management (CEO) roles.
* Green Filed Project: Set up the company from scratch.
* Business Goal: Efficiently understand the business goal of the organisation, architecting the solution, getting approvals from stack-holders. And rapidly starting the implementation by aligning the existing resources (Technologies or stuff) or orchestrating the new resources.
* Interacting with project sponsors, project stakeholders and multiple business and technical teams to define and deliver project scope.
* Developing and demonstrating the POC to potential stack-holders.
* Architecture and Technology stack selection: HLD (High Level Design), LLD (Low Level Design).
* **Implementation: Involvement in coding (60%), Testing, Deployment**.
* DevOps end-to-end handling: Coding Standard/PMD, Quality Assurance/Junit, Performance/JMeter, Repository/BitBucket, CI/Jenkins, CD/Docker, Container Orchestration/Kubernetes, Cloud/AWS).
* Evolution of the software stack: Evolving the system to meet changing business needs taking advantage of appropriate new technologies.
* Developing procedures, service standards and operational policies, planning & implementing effective control measures to achieve the desired goals.

**AUGRAY.COM**

**May 2015 – Jan 2016**

**Director of Technology**

* Green Field Project: Set up the Technological Division of Augmented-Reality department as a green field project.
* Developing and demonstrating the POC to potential stack-holder.
* Architecture and Technology stack selection: HLD (High Level Design), LLD (Low Level Design).
* **Implementation: Involvement in coding (70%), Testing, Deployment.**
* DevOps end-to-end handling: Coding Standard/PMD, Quality Assurance/Junit, Performance/JMeter, Repository/BitBucket, CI/Jenkins, CD/Docker, Container Orchestration/Kubernetes, Cloud/AWS).
* Evolution of the software stack: Evolving the system to meet changing business needs taking advantage of appropriate new technologies.

**AIRPUSH Pvt. Ltd.**

**Oct 2012 – Apr 2015**

**Solution Architect**

* Green Field Project: Set up the IOS-Department from Scratch as green field project.
* Developing and demonstrating the POC to potential stack-holder.
* Architecture and Technology stack selection: HLD (High Level Design), LLD (Low Level Design).
* **Implementation: Involvement in coding (70%), Testing, Deployment.**
* DevOps end-to-end handling: Coding Standard/PMD, Quality Assurance/Junit, Performance/JMeter, Repository/BitBucket, CI/Jenkins, CD/Docker, Container Orchestration/Kubernetes, Cloud/AWS).
* Client-Side: Developed IOS-SDK from scratch, which is used by IOS developers.
* IOS-BACKEND: All the backed corresponding to IOS-Ecosystem is developed in Microservices. Stack for backend is JEE-Stack ( Mainly Spring Framework).
* Evolution of the software stack: Evolving the system to meet changing business needs taking advantage of appropriate new technologies.

**DIGIMAKER Pvt. Ltd.**

**Nov 2011 – Oct 2012**

**Technical Architect & Team Lead**

**INNOMINDS SOFTWARE (P) Ltd.**

**Apr 2010 – Nov 2011**

**Team Lead**

**PHOTON INFOTECH**

**Sept 2009 – Mar 2010**

**Senior Software Engineer**

**YBRANT DIGITAL**

Apr 2006 – Sept 2009

Software Engineer

**SECTION-6: Projects Details**



|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | LELO (Learning Experience and Learning Outcome) | | |
| Company | Vedantu Innovations Pvt. Ltd. | | |
| Duration | Apr' 2019 onwards | | |
| Languages | Java-full-stack, mean-stack, mern-stack, Data Structure, Algorithm | | |
| Tools | PRD: draw.io, Docs; Management: Jira, Confluence; IDE: IntelliJ, STS; Performance: JMeter | | |
| Team Size | 18 (Technology: 12, Business: 2; Design: 2, QA: 2 ) | | |
| Tech-Role | • TMS-Backend: TMS-Microservice: Java, Spring Boot, Spring Cloud, SpringData, | | |
|  |  |  |  |
|  |  | RESTful API, MongoDB, etc. | |

* CMS-Backend: CMS-Microservice: Java, Spring Boot, Spring Cloud, SpringData, RESTful API, MongoDB, etc.
* Student-Dashboard-Backend: Java, Spring Boot, Spring Cloud, SpringData, RESTful API, MongoDB, etc.
* LMS-Backend: Learning Management Systems: Java Java, Spring Boot, Spring Cloud, SpringData, RESTful API, MongoDB, etc.
* Micro-frontend: Node/Express, Angular, ReactJs, etc.
* Non-Blocking communication: MQ( Messaging Queue): Kafka.
* Blocking communication: Synchronous RESTFul api.
* *Cloud: AWS, EC2, RDS,* Elastic BeanStalk, Application Load Balancer, Route53, SSL,

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Management-Role |  | Target-Group. | | |  |
| • Product: PRD Finalisation, Deadline, Final Deliverables. | | | |  |
|  |  |  |  |  |  |
|  | • Architecture: Final Decision on Architecture (HLD) | | | |  |
|  | • Tech-stack selection: Final decision on Tech-stack selections, | | | |  |
|  | • Quality: Manual, Performance: JMeter, | | | |  |
|  | • DevOps: CI/CD, BitBucket, Jenkins, Docker, Kubernetes. | | | |  |
|  | • Co-Ordination: Technologies, Non-Technologies. | | | |  |
|  |  |  | |  |  |
|  | • Management: Hiring, budget, deadlines, Delivery, POC (Point of Contact) for stack- | | | |  |
| Description |  | holders. | | |  |
| • TMS: Allowing acad ops team for creating the test and sharing the tests for different | | | |  |
|  |  | boards/ exams. | | |  |
|  | • CMS: Allowing content ops team for creating the question banks and its related | | | |  |
|  |  | functionalities. | | |  |
|  | • Student-Dashboard: Students can see his performace with respect to his classmates, | | | |  |
|  |  | based on Test, Subjects, Sub-Topics, Difficulty, etc. | | |  |
|  | • LMS: From enrolling to scheduling, in-class performance. | | | |  |
| Project Name | SampoornHealth | | | |  |
| Company | SmartBitPixel Tech. Pvt. Ltd. | | | |  |
| Duration | Jan'2016 onwards | | | |  |
| Languages | Java-full-stack, mean-stack, WebRTC, SocketIO, Data Structure, Algorithm | | | |  |
| Technology | • F2F-Backend: F2F-Microservice: Java-full-stack: Java, Spring Boot, Spring Cloud, | | | |  |
|  |  |  | |  |  |
|  |  | RESTful API, Spring Web MVC, Web MVC, JSP/JSTL, Hibernate, Tomcat 7/8, | | |  |
|  |  | PostgreSQL/MySQL, etc. | | |  |

* MSO-Backend: MSO-Microservice: Java-full-stack: Java, Spring Boot, Spring Cloud, Spring Web MVC, Web MVC, JSP/JSTL, Hibernate, Tomcat 7 / 8, MySQL, etc.
* LivDoc-Backend: LivDoc-Microservice: mean-stack: MongoDB, Express, Angular, Node, WebRTC, SocketIO, etc.
* Chat-Backend: Java, Spring Boot, Cassandra, RabbitMQ, Redis, and MySQL.
* Video-Conferencing: WebRTC, STURN/TURN, Node.
* F2F / MSO / LivDoc /Chat - Frontend: Angular 5, Angular Material, Flex, JavaScript, TypeScript, SCSS, etc.
* Non-Blocking communication: MQ( Messaging Queue): JMS, RabitMQ, etc.
* Blocking communication: Synchronous RESTFul api.
* Android: Android Studio, Java;
* *Cloud: AWS, EC2, RDS,* Elastic BeanStalk, Application Load Balancer, Route53, SSL,

Target-Group.

|  |  |  |  |
| --- | --- | --- | --- |
| Team Size | 15 (Technology: 9, Business: 6 ) | | |
| Role | • Product: Ideation, Requirement Finalisation, Final Deliverables. | | |
|  |  |  |  |

* Technologies: Architecting (HLD, LLD), Tech-stack selection, Implementation, Testing, Deployment.
* DevOps: Junit, JMeter, BitBucket, Jenkins, Docker, Kubernetes.
* Co-Ordination: Technologies, Non-Technologies.

|  |  |  |  |
| --- | --- | --- | --- |
| Description | • SampoornHealth bring buzz in Healthcare by enabling Diagnosis from the comfort of | | |
|  |  | their own for both health service provider and health service consumer. A patient can | |
|  |  | consult instantly using LivDoc feature, take the Medical Counselling, Medical Second | |
|  |  | Opinion, F2F appointments, Disease Info. Patient can upload the electronic health | |
|  |  | records, doctor can provide the final diagnosis through e-Prescription. Apart from that it | |
|  |  | provide so many utilities to both patients and Doctors, Like: Dashboard, Friend Request, | |
|  |  | Q&A, Feed, etc. | |
| Project Name | Augmented-Reality Frameworks | | |
| Company | AugRay.com | | |
| Duration | Apr'15 – Dec'15 | | |
| Languages | Java-full-stack, Angular, Android Technologies, Data Structure, Algorithm | | |
| Technology | • AR-Backend: AR-Microservice: Java-full-stack: Java, Spring Boot, Spring Cloud, | | |
|  |  |  |  |
|  |  | RESTFul API, Spring MVC, Spring Web MVC, JSP/JSTL, Hibernate, Tomcat 7, MySQL, | |
|  |  | etc. | |

* Mobile Technology: Android Studio, Android Technologies.
* Frontend: Angular 5, Angular Material, Flex, JavaScript, TypeScript, SCSS, etc.
* Non-Blocking communication: MQ( Messaging Queue): JMS, RabitMQ, etc.
* Blocking communication: Synchronous RESTFul api, gRPC.
* *Cloud: AWS, EC2, RDS,* Elastic BeanStalk, Application Load Balancer, Route53, SSL,Target-Group.

Team Size

15

Role

•

Architecting (HLD, LLD), Tech-stack selection, Implementation, Testing, Deployment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | • DevOps: Junit, JMeter, BitBucket, Jenkins, Docker, Kubernetes. | | |  |
| Description | • | Co-ordination: Among various teams. | |  |
|  |  |  |  |
| • | Developing the geo-layer in existing AugRay platform. This layer will help to show the | |  |

|  |  |  |
| --- | --- | --- |
|  | desired POI (Point of Interest) within the given distance in Augmented Reality. Example: | |
|  | Say, we search POI within the 10 km radius, results is 5. It’s detailed each of them with | |
|  | proper geo-info along with distance and directions, with the interactive capabilities. If | |
|  | device direction/orientation is other than POIs, then arrow appear and its shows to turn | |
|  | in that directions. | |
| Project Name | IOS-SDK: Banner360 | |
| Company | Airpush Pvt. Ltd. | |
| AppStoreLink | <https://itunes.apple.com/us/app/dotshits/id927311631?mt=8> |  |
| Duration | Apr14 – Apr15 | |
| Languages | Java-full-Stack, IOS Technologies: Objective-C, Data Structure, Algorithm | |
| Technology | • **Banner360-Backend:** *Java-Full-Stack, Spring Boot, Spring Cloud, RestAPI, Spring* | |
|  | *MVC, Spring Web MVC, JSP/JSTL, Hibernate, Tomcat, MySQL, etc.* | |

* ***Cloud:*** *AWS, EC2, RDS,*Elastic BeanStalk, Application Load Balancer, Route53, SSL,Target-Group,
* **Mobile Technology:** IOS, Objective-C, Swift.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Team Size | 9 |  |  |  |
| Role | • Architecting (HLD, LLD), Tech-stack selection, Implementation, Testing, Deployment. | | |  |
|  | • DevOps: Junit, JMeter, BitBucket, Jenkins, Docker, Kubernetes. | | |  |
| Description | • Co-ordination: Among various teams. | | |  |
|  |  |  |  |
| • In Banner360 only two APIs are exposed to publishers, publishers install and integrate | | |  |

IOS-SDK in his App. By calling the initialise API, he initialises IOS-SDK, and after calling the getAdAPI, he get ads on any page of his choice. IOS-SDK get the required info, contacting to server, getting the best possible ads in response in the given context, then displaying the ads, and finally pushing the impression/clicks metrics to concerned party. In the appStore link, a publishers has integrated IOS-SDK and published his app on AppStore.

Project Name Company Name Location Duration Languages Technology

IOS SDK Framework

Airpush Pvt. Ltd.

Bangalore, India

Oct12 – Mar14

Java-full-Stack, IOS Technologies: Objective-C, Data Structure, Algorithm

• **IOS-Backend:** IOS-Microservice:*Java-Full-Stack, Spring Boot, Spring Cloud, RestAPI,*

*Spring MVC, Spring Web MVC, JSP/JSTL, Hibernate, Tomcat, MySQL, etc.*

* ***Cloud:*** *AWS, EC2, RDS,*Elastic BeanStalk, Application Load Balancer, Route53, SSL,Target-Group,
* **Mobile Technology:** IOS, Objective-C.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Team Size | 1 |  |  |  |
| Role | • **Product:** Requirement analysing and freezing. | | |  |
|  | • Architecting (HLD, LLD), Tech-stack selection, Implementation, Testing, Deployment. | | |  |
|  | • DevOps: Junit, JMeter, BitBucket, Jenkins, Docker, Kubernetes. | | |  |
| Description | • Co-ordination: Among various teams. | | |  |
|  |  |  |  |
| • Airpush IOS SDK, its getting all the device information along with Temporal and Spatial | | |  |
|  |  | information, and sending request to AADS [Airpush Ads Delivery System]. AADS | |  |
|  |  | processing it and based on DE [Demand Engine] and ML [Machine Learning] | |  |
|  |  | intelligence, its sending the best suitable ads to the SDK as a response. IOS-SDK | |  |
|  |  | invoking the JSON/XML Parser based on the response data type, and displaying the | |  |
|  |  | ads. And sending the tracking metrics to AADS. IOS SDK just publish the two APIs, | |  |
|  |  | which the publishers calling for ads to show in his app. In this we supported: Banner, | |  |
|  |  | InApp, Dialog, SmartWall Ad formats. | |  |
| Project Name | Discovery Mobile Application | | |  |
| Client | KOGT (Kongsberg Oil Gas Technology Pvt Ltd), BP (British Petroleum) | | |  |
| Duration | Nov11 - Oct'12 | | |  |
| Languages | Java-full-Stack, IOS Technologies: Objective-C, Data Structure, Algorithm | | |  |
| Technology | • **BP-Backend:** *Java-Full-Stack, Spring Boot, Spring Cloud, RestAPI, Spring MVC,* | | |  |
|  |  | *Spring Web MVC, JSP/JSTL, Hibernate, Tomcat, MySQL, etc.* | |  |

* ***Cloud:*** *AWS, EC2, RDS,*Elastic BeanStalk, Application Load Balancer, Route53, SSL,Target-Group,
* ***Mobile Technology: I****OS, Objective-C, OpenGl ES.*

|  |  |  |
| --- | --- | --- |
| Team Size | 9 |  |
| Role | • **Product:** Requirement analysing and freezing. |  |
|  | • Architecting (HLD, LLD), Tech-stack selection, Implementation, Testing, Deployment. |  |
|  | • DevOps: Junit, JMeter, BitBucket, Asana. |  |
| Description | • Co-ordination: Among various teams. |  |
| • Its an Enterprise Application of KOGT/BP which facilitate about the realtime production |  |
|  | of Oil/Petroleum while Well is get digging. Application facilitates the user about which |  |
|  | wellbore is active, if not he first make one Active Wellbore from the list of Live |  |
|  | Wellbores. A wellbore module provides lot of others utilities: All, Live, Favourite, Fact |  |
|  | Sheet, Cover Flow, KPI, Rig Activity. |  |
|  | • Sensors Information Polling: Approx. 1000 sensors are attached with each of the |  |
|  | wellbore which keep emitting data with respect to time/depth. Sitecom is consuming |  |
|  | these data and redirected it to DiscoveryMobile Server [DMS]. DMS pre-processing |  |
|  | these data and send to the Client. Display Module on Client keep polling about the |  |
|  | realtime data once it received its repaint the widgets with real data on each 30 secs. |  |
|  | Setting and Utilities Modules: These provide the lot of other features like: Alarm, |  |
|  | Warning, Setting the min/Max, etc. |  |
| Project Name | Burst Media |  |
| Client | Burst – USA |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AppStoreLink | <http://itunes.apple.com/us/app/burst.it/id503967759> | | |  | | |  |
| Duration | Jun11 – Oct11 | | | | | |  |
| Languages | Java-full-Stack, IOS Technologies: Objective-C, Data Structure, Algorithm | | | | | |  |
| Technology | • **BP-Backend:** Monolithic: java, RestFul API. | | | | | |  |
|  | • **Mobile Technology:** IOS, Objective-C. | | | | | |  |
| Team Size | 2 |  |  |  |  |  |  |
| Role | • | Analysing. | | | | |  |
|  | • | Architecture & Designing. | | | | |  |
| Description | • | Implementation. | | | | |  |
| • Burst is the simple, smart and private way to share life with your family and | | | | | |  |
|  |  | friends. Burst captures, and then automatically stores and organises your mobile videos | | | | |  |
|  |  | and photos in the cloud for you, and lets you share them with family and close friends. | | | | |  |
|  |  | Private & Safe, we know that sometimes it is important to you to only share moments | | | | |  |
|  |  | with family and trusted friends. With Burst, you have complete control over your | | | | |  |
|  |  | important moments - share them directly, view them privately, and store them safely. | | | | |  |
| Project Name | My RSS Aggregator – iPhone / iPad | | | | | |  |
| Client | Innominds Software(P) Ltd | | | | | |  |
| AppStoreLink | <http://itunes.apple.com/us/app/myrssaggregator/id418270423> | | | |  | |  |
| Duration | Nov10 – May11 | | | | | |  |
| Languages | IOS Technologies: Objective-C. | | | | | |  |
| Technology | • **Mobile Technology:** iPhone, iPad | | | | | |  |
| Team Size | 2 | **Product:** Propose Own Idea, get approval, Requirement analysing and freezing. | | | | |  |
| Role | • |  |
|  |  |  |  | | |  |  |
|  | • **Technologies**: Architecting / Technologies selection, Implementation, Deployment. | | | | | |  |
| Description | • **Co-ordination**: Among various teams. | | | | | |  |
| • Its most user friendly RSS aggregator for the iPhone now! Swiftly customize what you | | | | | |  |
|  |  | want and stay informed with all the latest news and happenings from all your favorite | | | | |  |
|  |  | spots clustered at your fingertip in one fabulous app. - Manage Feeds, Communicate | | | | |  |
|  |  | and Catch up Faster… From Anywhere and Everywhere! | | | | |  |
|  | • | Features: | | | | |  |
|  |  | ◦ Categorise and Feature your Feeds with full-fledged Management facilities. | | | | |  |
|  |  | ◦ Free of Cost and Free of Ads. | | | | |  |
|  |  | ◦ Shake Control System for a relaxed app usage. | | | | |  |
|  |  | ◦ Amicable User Experience. | | | | |  |
|  |  | ◦ Post stories on Facebook. | | | | |  |
| Project Name | Swimsuit2010 | | | | | |  |
| Client | SI [Sports Illustrated] | | | | | |  |
| AppStoreLink | <http://itunes.apple.com/us/app/si-swimsuit-2010/id344251827?mt=8> | | | | |  |  |
| Duration | Sep09 – Oct10 | | | | | |  |
| Languages | Objective-C | | | | | |  |
| Technology | • Mac, iPhone SDKs, Cocoa: XCode, IB, Instruments, SVN, XML Parsing, Data in XML | | | | | |  |
|  |  | Format, XML Parser, Data Structure, Algorithm, SQLLite, Mobile payments:Storekit | | | | |  |
| Team Size | 3 | Framework. | | | | |  |
|  |  |  |  |  |  |
| Role | • | Architecture & Designing. | | | | |  |
|  | • | Development. | | | | |  |
| Description | • | Unit Testing. | | | | |  |
| • | It provides contents of Fashion TV: like Photo channels, Video channels, Favourites, | | | | |  |
|  |  | Bios, Photo-slide of each models, their biography, Video of the models, save facility, | | | | |  |
|  |  | Upgrade to premium user, Ad of *mobile.si.com* on each page, Top models, | | | | |  |
|  |  | Bodypainting, Dancing with stars, Olympians, Feedback, etc. | | | | |  |
| Project Name | ABCSearch | | | | | |  |
| Client | Ybrant Digital Ltd., India | | | | | |  |
| Duration | May07 – Sep07 | | | | | |  |
| Languages | C, Perl, PHP | | | | | |  |
| Technology | • | Linux | | | | |  |
|  | • | AJAX | | | | |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | • | JavaScript, HTML, XML |  |
|  | • | RDBMS/DBMS |  |
|  | • | Client-Server. |  |
| Team Size | 15 |  |  |
| Role | • | Designing |  |
| Description | • | Implementing |  |
| • | This provides optimised search for its affiliates for the given keywords. Applying |  |
|  |  | Memcached, given clicked report for each bided keyword. So, that business analyst can |  |
|  |  | rate the keywords. |  |
| Project Name | Treebank for Hindi | |  |
| Client | LTRC., India | |  |
| Duration | May06 – Apr07 | |  |
| Languages | C, Perl, PHP | |  |
| Technology | • | Linux. |  |
|  | • AJAX, JavaScript, HTML, XML. | |  |
|  | • | RDBMS/DBMS, Client-Server. |  |
| Team Size | 5 |  |  |
| Role | • | Designing |  |
|  | • | Implementing |  |
| Description | • | Unit Testing |  |
| • | A Treebank is developed in the Paninian framework. Each sentence is further grouped |  |
|  |  | into chunked. Then each chunked is sub-divided into its elementary form of karakas |  |
|  |  | notation. Then a relationship is established among the chunked in Paninian framework |  |
|  |  | of 'Karakas'. |  |