

DIBYANSHU

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Objective:

To obtain a challenging position that will utilize my skills and experiences and which also gives me a platform to develop new skill sets fulfilling my quest to make a difference.

Career Summary:

- **Current Company: DeliveryCentric Technologies Pvt. Ltd.**
- Worked at Vanity360.in as **iCordinate Pvt. Ltd.** as Lead Developer.

Skills Summary:

- Comfortable with both **FULL-STACK & MEAN-STACK**
- Worked on projects with **Block-Chain Technology**
- In course of being in the various roles during my career I have handled the entire chain from **product ideation** through exploration and design to **launch** and iteration. I have conceptualized new products/features, done first-cut interaction design, created low level mockups, worked with the development teams in coding, design, QA and finally been responsible for product launches.
- Coded & Developed **Websites** and Phone Apps (**Android, iOS & Windows**) from **scratch**.
- Expertise in Client Interactions and Studying **Client requirement's** to define **Scope of Work. Briefing and Managing team** members to achieve desired outcomes.
- Experienced in **common CMS** systems for web Applications & **SEO/SEM**
- Good understanding of software development life cycle and software development methodologies.

Hands-On Experience on Following Platforms:

Web Development

*Strong and current **hands-on experience in developing Backend using Node.js, Express.js, MongoDB, Websockets and integration with UI using Angular or React.***

Published MIT licensed Node.js module @ <https://www.npmjs.com/package/bitcoin-rpc-api>

*Implemented multiple projects all using **mobile first approach to achieve RWD** (Responsive Web Design). Current work experience in Front-end technologies such as **AngularJs, ReactJs, ReduxJs** and other Javascript Libraries to create front-end that consumes data from **REST APIs** connected to backend. **Created Back-ends using MongoDB and NodeJS**, that supports **OAUTH 2.0** as it's **authentication** middleware and exposes **REST APIs**.*

Created Test Cases using Testing libraries like Karma and **Mocha. ExpectJS** for Assertion testing. Deployment and Configuration Environment includes but is not limited to Cloud Platforms like **Amazon Web Services, Heroku, Vultr, Google Cloud(GCP)** etc...

Developed Websites to Book online Flight Tickets using Online Payments for many US Based Tours & Travel companies.

Fun Projects:

*Using WebSockets(**Socket-io**), **Created a RealTime Text Editor** to support code editing in-browser. CMS Experience: WordPress **Themes Dev**, Oracle **Web-center Sites** & OpenCart Projects.*

Expertise

- Backend Development (API CORS Enabled With Oauth)
- Responsive UI Designing
- API Integration (OAUTH)
- Payment Integration
- Restful Services
- Web-sockets, MQTT, Socket-io
- JSON (format/object/parsing)
- Deployment on Server/AWS
- cPanel Management
- Basic SEO and SEM
- Familiarity with Latest Trends and Libraries
- CMS: Oracle WebCenter Sites WordPress & OpenCart Deployment Development and Customization

Languages: **AngularJs, ReactJs, MongoDB, NodeJs, JavaScript, Jekyll, AJAX, HTML5, CSS3, C#, PHP-Core**

Testing: **Mocha, Jest**

Package: **Grunt, Bower, NPM, YARN, Web-Packs**

Deployment: ***NIX servers, Jekyll, AWS-Cloud**

Version Control: **Github, Bit-Bucket**

Block-Chain(Ethereum)

Features Implemented

- Web3 API Integration and consumption
- Configuration using GETH-CLI, IPC/JSON/WS - RPC
- ERC20 Token Implementation, Developing **Smart-Contracts** in **Solidity**
- Events Listen/Filter
- Block-Chain Account Mgmt.
- Private Network Setup, Simulator Setup(Ganache)

Languages & Tools: **Solidity, Mocha, Chi, Geth-CLI, TOML, Truffle.js, Ganache, Github**

Android/Windows/iOS/Hybrid

Feature Responsibilities

- API Integration
- Local Notification
- Social Media Integration
- Google mapping and Location APIs
- Payment Integration
- Background Fetching
- Restful Services using **JSON (format/object/parsing)**
- Camera and Audio Services

Languages: **JAVA, XML, XAML, Swift-3**

Tools: **Android Studio, X-Code, Visual Studio**

Education

B.tech in I.T from Galgotias College of Engg. and Tech. affiliated to Uttar Pradesh Technical University (UPTU)
Diploma in I.T from Govt. Polytechnic Ranchi affiliated to State Board of Tech. Education Jharkhand (SBTE)

Familiar Technologies & Frameworks

- **Language:**
 - Front End: **HTML5, CSS, XAML, XML, ReactJS, AngularJS, Bootstrap, JS, Ajax**
 - Back End: **Node.Js, Express.Js, PHP, Java, C#, Swift**
 - Connectivity: **MongoDB, NoSQL, MySQL, ADO using REST APIs.**
 - Testing: **Mocha, Karma, Chi, Jest**
 - Deployment: **Handled Linux Servers, Jekyll, AWS-Cloud Deployments**
- **Version Control**: Github, Bit-Bucket
- OS: Linux, Unix and Windows. CLI operations, SSH etc..
- New Found Interests: MQTT, IoT, Raspberry PI 3, Backdoor, Python, KALI

Recent Project Details

Project : Block-Chain Role:MEAN-Stack Dev. InHouse Product

The project was to create an CryptoCurrency Exchange for online trading of CryptoCurrencies. The work involved setting up of local Block-Chain Nodes and configuration of Web APIs for creation of automated EOA Business Accounts which in-turn would act as a personal wallet for the site users.

Apart from that Dibyanshu's work also involved creation and consumption of third-party rest-ful web-services for buying and selling api's. He was also responsible for consuming Oracle's LDAP as well as mule-soft esb API's. He also did create images for containerizing Apps in AWS using Docker.

Few other works involved creation of POC's using Solidity as a language for writing Ethereum Decentralized APPS following TDD Agile methodologies.

Project : Crystal Travels Role:MEAN-Stack Dev. Customer: iCordinate Client

The project was to connect the customers to book Air tickets from website which was done manually earlier, after getting confirmation of the booking, using GDS(Global Distribution System) Dibyanshu created custom APIs to connect the GDS to fetch the real-time Air-fare and routes and availability based on RESTful architecture.

Dibyanshu also architected a solution for Admin panel where the user bookings would be managed by the inhouse support team. The DB he chose was NoSQL based MongoDB. He also implemented OAUTH 2.0 and JWT to implement Security for the APIs.

For Automatic/regular updates he used WebSocket(Socket-io) and for pub sub Messaging Queue he used Mosquitto Broker (MQTT)

He implemented the project using TDD Methodologies and following the AGILE best Practices and leaded in the SCRUM Calls.

Project Name: ScholarSpace Role: FrontEnd Dev. Client: Edusocial

The purpose of the Scholar Space was to provide a platform where they could have a collaborative platform for all Users of an Educational Organisation.

Dibyanshu used Angular Js to consume the APIs created by the Backend team. The Backend was developed parallelly in PHP-LARAVEL and most of Dibyanshu's work was focused on integrating those RESTful APIs.

Dibyanshu followed Mobile First Approach to create the Front End. For Styling he used custom Media Queries to make it fully responsive and worked closely with the Design Team as well as the Backend Team.

His forte was using Angular Js for the frontend to achieve two-way data binding following MV* pattern.

He created well commented documented reusable codes. He created custom directives and did an intelligent used of async code using promises and interceptors.

Project Name: Vanity360 Role: Full-Stack Dev. Customer: iCordinate Client

The Project was regarding an eCommerce Website to be developed from scratch. It also included creating Admin panels with different roles and functionalities.

Dibyanshu created the whole Responsive website from scratch based on the design files using HTML/CSS.


He also integrated the CITRUS PAYMENT SYSTEM for onsite Payment along with few other Vendors.

For Versioning control Dibyanshu suggested BITBUCKET, and for storage he used AWS Buckets which increased the page loading time by 35%.

Apart from that he also did the styling of the website with custom media queries to make it a mobile first approach.

Project Name: EASYRIDE Role: Android Dev. Customer: iCordinate

EasyRide Android App was a project based on the idea of booking cabs, which can be used to provide transportation on demand.

 Dibyanshu took the charge of POC and completely created a product using JAVA. As his tools he used Android Studio, and PARSE server. The solution he implemented was an app where User can register and get a taxi on demand using the GPS sensor of their cellphone. There was two separate views for driver and customer.

He coded both the functionalities and the features were very similar to our famous app Uber. This product couldn't see the face of light as Uber and OLA were already customer's first choice and VCs were not able to burn cash in the initial days.