## Contact

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Top Skills JavaScript Node.js React.js

## Languages

English (Full Professional) Bengali (Native or Bilingual) Hindi (Native or Bilingual)

## Certifications

Introduction to Kali Linux

Become a Full-Stack Web Developer Project Management Fundamentals Learning Redux

Building Deep Learning Applications with Keras 2.0

Sandip Das

### Sr. Full Stack JavaScript Developer | Cloud Solutions & DevOps Architect | Expert in Node,React, Angular | AWS Certified Kolkata, West Bengal, India

Summary

* I'm a driven, energetic and proactive tech professionally. I consider myself an engagement professional, as I don't simply provide solutions, I create them. I create an alternative to the norm with an unrivaled drive of positive attitude to accompany it. I'm a proud digital native, spending most of my life with technology. I strive in a team environment as well.◄
* The internet of Things is on the forefront of next-gen technologies and with my experience in JavaScript, Node.js, Multiple Cloud Services and other applications i'm ready to deliver it. I am a continuous learner – always looking for new technologies, in my spare time I search Google for the latest trends. I like to think of myself as a futurist. ◄

►My passion became my profession, I think what separates me from other people in tech is my attitude. I'm social and positive, but I'm afraid of heights. Expect a lot out of except for mountain climbing. ◄

►►Skills ◄◄

* Web Application Development to Deployment & Monitoring
* Restful API Development + Websocket Api for any Apps + IoT devices
* Serverless Solution (AWS Lambda, GC/Azure functions)
* Strong Javascript & ES 5/6/7 practical knowledge
* Angular(1 & 2+), React(Flux, Redux), Vue, Polymer, TypeScript
* Core Node.js + Express.js, Sails.js, Happy.js, Koa.js
* Nw.js & Electron (Cross-Platform App Development)
* IoT, Robotics - Cylon.js, Johnny-Five
* MongoDb, DynamoDb, DocumentDb, Redis, Elasticsearch
* Web Sockets (Native + Socket.io)
* Browser Automation (Selenium)
* Jest, Mocha (TDD), Istanbul
  + Grunt, Gulp
  + Github, Bitbucket
  + DevOps ☁(AWS, GCP, Azure),Linux Server Admin,Docker,Kubernetes,Microservices
  + Alexa Skills Dev
  + Agile Process
  + Scrum
  + Rapid Prototyping
  + Ability to learn & implement new techs
  + Good Communicator
  + Always Punctual
  + Critical Thinker
  + Friendly Personality

►►Currently Focused◄◄

AWS+GCP+Azure Certification, Mastering Multi-Cloud Strategy,Cyber Security

►►Dev Environment◄◄

Git, linux, Atom (with ESLint)

Experience

Independent Contractor

#### Sr. Javascript Developer | Solutions Architect | Expert in Javascript, Node.js, React.js, Angular.js

August 2014 - Present Kolkata

I take special delight in working with modular systems, composed of data structures and services that come together in clean ways to perform business logic and open to using best tools to solve the problem at hand and scale web applications.

New technologies excite me, which is why I have utilized countless other technologies than the ones listed below – and look forward to more.

►Real time and High load tolerance Web Site / application development using Node.js , Websockets (Native / uws / Socket.io), Redis, MongoDb - scaleable in AWS (scaled using AWS ELB, AutoScaling, Code Pipeline, CodeDeploy)

* Serverless Web Application Development using AWS Lambda
* Front-end development - React.js - Flux / Redux (ES 5/6, babel, Webpack), Angular.js , Vue.js
* Existing Web application / site enhancement .
* Back-end Application + REST Api development + Third party APi Integration

+ Web Socket Api development for IoT devices

* Text, Audio & Video Chat App dev (WebRTC, node.js, socket.io)
* R&D on Web techs and building application based on it (Quick TAT).
* Database Designing, Implementation & Optimizing :- SQL based : Mysql, Postgre SQL

NoSQL based : Mongo DB, Redis, Elasticsearch Graph Based DB : Neo4j

* Web Security analysis and improvement . offensive security experiment , penetration testing . (Kali OS)
* Linux Administration knowledge (Advanced)

Linux / Unix server Os Knowledge (centOS / Ubuntu /any Linux OS )

Expert in web server configuration, optimization, and scaling out applications Amazon AWS , DO , Any VPS optimization .

* DevOps Tools: Chef , Vagrant , Puppet , New Relic
* Rabbitmq , XMPP, Erlang programming
* Big data , Data mining .
* Working for clients on multiple continents (India , US, UK, Canada, Australia, UAE (Dubai), Netherlands, Switzerland )
* Experience of working in multicultural team from multiple nation remotely and on site.

### Gryphon Online Safety, Inc.

#### Cloud Architect

April 2016 - Present

San Diego, CALIFORNIA

My responsibility includes:

* Managing AWS infrastructure for production applications.
* Managing MongoDB Atlas production accounts
* Efficient IoT device - Server communication design and implementation
* Using specialized skills - JavaScript, Node.js, Angular.js, React.js,Vue.js, MongoDb, AWS products to build production applications.
* Cloud computing strategy.
* Cloud adoption plans (AWS, GCP, Azure)
* Cloud application design
* Cloud management and monitoring.

### Confidential Startup (Zürich Area, Switzerland )

Solutions Architect April 2019 - Present Zürich Area, Switzerland

* Develop Enterprise Level Web Application & RESTful / GraphQL + WebSocket API's/Web Services ,
* Design and Implement highly efficient, Secure and cost optimized - AWS Production , Development & Test Architecture
* Plan and Deploy Hybrid Multi Cloud Strategy
* Programming of AI/Machine learning applications using Google Cloud / AWS based AI - Machine learning products
* Visit On-site team for knowledge share sessions occasionally.
* Helped Changing Deployment from AWS ECS to AWS EKS and now helping to maintain the huge workload

### Early Stage Start UP (US)

#### DevOps Architect

June 2019 - July 2019 (2 months) United States

Super short term involvement.

Responsibilities Include:

* Analyze existing tech stack and help developers to make applications DevOps friendly and follow best practices.
* Deploy Applications in Kubernetes (AWS EKS)
* Review and optimize AWS resources

### Early Stage Start Up (Amsterdam)

Senior Technology Advisor April 2019 - May 2019 (2 months) Amsterdam Area, Netherlands

Temporary contract work (Small Term) My responsibility includes:

* Advising on overall application architecture, suggest best practices & improvement suggestions
* Advising on Different Cloud Technologies (AWS, GCP, Azure)
* Weekly online discussion with CTO
* Advising junior team member (Monthly) for possible solutions based on problem statement they represent.

### Capital Numbers Infotech Pvt. Ltd.

#### Senior Web Developer

June 2014 - August 2014 (3 months) Web Application / Site Development .

### imperium technology solutions pvt ltd

#### Senior Web Developer | Php | Node.js | javascript

August 2013 - May 2014 (10 months) Kolkata Area, India

Create / build , manage , implement web applications / sites and leading junior team members .

* High End PHP Site Development.
* Web Application Development.
* jQuery Plugin development.
* Node.js , MongoDb, Angular.js, Ember.js

### Softomaniac Solution

#### Jr. Web Developer

January 2013 - July 2013 (7 months)

Kolkata

small and medium web site / application development and deployment , debugging , assisting senior web developers , reporting senior developers .

### Freelancer / Self-employed

#### Freelance Web developer

February 2012 - December 2012 (11 months)

responsible for developing small web sites , blog web sites , fixing issues .

# Education

### Indira Gandhi National Open University

Master of Computer Applications (M.C.A.), Computer Programming · (2011 - 2014)

### Calcutta University, Kolkata

Bachelor of Commerce (B.Com.), Accounting and Finance · (2009 - 2011)

### Belur Boys High School

Commerce study, Accountancy · (2006 - 2008)