# *Ajay Matharu Contact Details*

**Lead Site Reliability Engineer – Prenetics Phone:** +91-9699183542, +852-64674717

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**Twitter:** [@matharuajay](https://twitter.com/matharuajay) **Location:** Causeway Bay, Hong Kong

### **EXPERIENCE SUMMARY:**

* Having **15 Years** of experience in analysis, design, development, deployment, devops, support and project management.
* Manage and **Lead different teams** to common goal
* Experience on various **Clouds, Tech Stack** and Technologies
* Involved in planning **Short term and Long term goal** for Development and Infrastructure teams
* Played different roles in the projects – **Analyst, Developer, QA, SRE, Devops, Team Lead, and Project Manager**
* **Co-ordinate with different teams** like analyst, design, security, marketing and QA
* Finding opportunities to understand and **implement different Technologies/**Techniques
* Understanding of different **Security** focused tools and implementations
* Trust in **automating** tasks
* **Excellent at Debugging and troubleshooting** applications and deployment
* Experience and responsible for **managing and deploying Blockchain**

### **TECHNICAL SKILL SET:**

|  |  |
| --- | --- |
| **.Net** | C#.net, VB.Net , WCF, Windows Services, Web Services,  Web API |
| **Web** | ASP.Net, HTML 5, CSS, Javascript, JQuery, NodeJS, PHP, RESTful Services,  PM2, Jekyll, ReactJs (basic), Jinja2, python, typescript(basic) |
| **Web Servers** | IIS, WAMP, Nginx, Apache |
| **Databases** | SQL Server 2000/2005/2008, Redis, Mongo, MySQL, PostgreSQL |
| **Monitoring Tools** | New Relic, Nagios, Splunk, Cloudwatch, ElasticSearch, Kibana |
| **Security** | ZScaler, Qualys, Fail2Ban, ScaleFT, CIS Hardening |
| **Cloud** | AWS, GCP |
| **Infrastructure** | Terraform, Ansible, Packer, Consul |
| **Containerization** | Docker, Kubernetes |
| **Automation (CI/CD)** | Jenkins, Buildkite, AWS |
| **Blockchain** | EOSIO |

### **PROFESSIONAL EXPERIENCE:**

**Lead Site Reliability Engineer**

***Prenetics* *June 2021 till Present***

**Responsibilities:**

* Setup and Manage kubernetes cluster from scratch using KOPS and EKS
* Make Security improvements of overall system
* Manage Postgres Database – Security, Users, Access
* Implement Scripts, Process and Flow for Release Pipeline
* Improve Performance and Security of Terraform code
* CI/CD implementation and improvements
* Monitor, Debug, Troubleshoot and Improve infrastructure, application, database and deployment process
* Create Scripts to connect to different things for developers
* Train different team in new process and implementations

**Technologies/Tools:**

* AWS, Terraform, Packer, Nginx, Postgres, Nodejs, ElasticSearch, Kibana, Grafana, Kubernetes

**Lead Software Engineer**

***Block.one* *Mar 2019 till June 2021***

**Responsibilities:**

* Lead infrastructure team
* Responsible for building production ready blockchain infrastructure
* Work on different cloud providers like AWS and GCP
* Design and Architect the infrastructure
* Designing and Developing APIs
* Automate application deployment by implementing CI/CD
* Debug, Troubleshoot and Improve application, database and deployment process
* Work with security team to secure the application and Infrastructure
* Learn, evaluate and implement new technologies
* Integrate Applications and Blockchain
* Co-ordinate with different teams like security, design and marketing

**Technologies/Tools:**

* AWS, GCP, EOSIO Blockchain, Terraform, Ansible, Consul, Packer, ScaleFT, Zscaler, Qualys, Buildkite, Postfix, Fail2Ban, Nginx, Redis, Postgres, MongoDB, PM2, Nodejs, Splunk

**Projects:**

* **BaaS, EOSIO Testnet, Elemental Battles, EOSIO Explorer**

**Project Manager**

***II5 Technologies Pvt. Ltd.* *Dec 2013 till Mar 2019***

**Responsibilities:**

* Work & train team on open source technologies and javascript frameworks
* Monitor Website, Applications, and Servers
* Design & Improve Website architecture
* Understand requirements and estimate timeframe
* Work on complex part of application & website
* Troubleshoot and debug complex scenarios
* Co-ordinate and manage team in India & Hong Kong
* Part of cultural team in organizing employee engagement activities

**Technologies/Tools:**

* Framework 3.5, 4.0, SQL 2008, C#, XML, JavaScript, CSS, JQuery, SVN, Lucene Search, SVG, NodeJS, AngularJS 1.2, MySQL

**Senior Manager - Technology**

***BookMyShow.com* *July 2012 till Dec 2013***

**Responsibilities:**

* Learn & implement open source technologies like NodeJs, Redis, Mongo, etc.
* Work on Complex SQL Queries
* Managing work and resources in Bangalore office.

**Technologies/Tools:**

* Frameworks 3.5, 4.0, SQL 2008, C#, XML, JavaScript, CSS, JQuery, TFS, Redis, Mongo, NodeJS.

**Team Leader - Technology**

***Idealake Information Technologies Pvt. Ltd.* *Dec 2009 to Jul 2012***

**Responsibilities:**

* Manage and Develop various application in ASP.Net and SQL
* Help team members to debug and troubleshoot issues
* Train team members to Improve technical skills
* Co-ordinate with Design team, CS team, Clients and QA to get work done

**Technologies/Tools:**

* Frameworks 1.1, 2.0, 3.5,4.0, SQL 2000/2005/2008, C#, XML, JavaScript, CSS, JQuery, Classic ASP, VSS, Sitefinity, Telerik Controls.

**Team Leader - Technology**

***OSS Soft Tech* *Aug 2009 to Nov 2009***

**Responsibilities:**

* Develop application using ASP.Net and SQL
* Work on application architecture

**Technologies/Tools:**

* Framework 3.5, SQL 2005, VB.Net, XML, JavaScript, CSS, JQuery, VSS.

**Team Leader – Technology**

***Magnet Technologies Pvt. Ltd*  *Feb 2007 to Aug 2009***

**Responsibilities:**

* Develop applications using PHP, ASP.Net, SQL & MySQL, WordPress
* Communicating with Indian and offshore clients and understanding requirements from them
* Analyzing requirements and Estimating projects
* Training & Grooming team members for soft skills

**Technologies/Tools:**

* Frameworks 2.0, 3.5, SQL 2000/2005, C#, VB.Net, XML, JavaScript, CSS, jQuery, Classic ASP, BlogEngine, PHP, WordPress, SharePoint, Compact Framework, Active Sync, Plesk.

**System Coder**

***Shawman Software Pvt. Ltd.***  ***Jul 2006 to Feb 2007***

**Responsibilities:**

* Developing and testing application and website

### **EDUCATION:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **School/College/University** | **Year of Passing** | **Percentage** |
| **S.S.C** | Maharashtra State Board | March - 2001 | 66.13 % |
| **H.S.C** | Maharashtra State Board | March - 2003 | 58.17 % |
| **B. Sc. (Computer Science)** | Mumbai University | March - 2006 | 72.87 % |
| **GNIIT** | NIIT | July – 2007 | A Grade |

**Ajay Matharu**