

# Mahesh Bodas

A/3 Ramadarshan CHS, Dombivli, Maharashtra, India · 91-9619206121 · [Mahesh.bodas@gmail.com](mailto:Mahesh.bodas@gmail.com)

November 20, 2019

Hiring Team,

Hi,

This letter is to express my interest in suitable role at your esteemed organization. With a Bachelor's degree in Electronics Engineering from Mumbai University (12<sup>th</sup> + 4 years degree course), and 16 + years hands-on experience using ReactJS, VueJS, Django REST API, GraphQL, C#, ASP .Net, ASP .Net MVC , C++ languages to create and implement software applications, I am confident I will be an asset to your organization.

I enjoy being challenged and engaging with projects that require me to work outside my comfort and knowledge set, as continuing to learn new languages and development techniques are important to me and the success of your organization.

Your listed requirements closely match my background and skills. A few I would like to highlight that would enable me to contribute to your bottom line are:

- Highly skilled in designing, testing, and developing software
- Thorough understanding of data structures and algorithms
- Knowledgeable of back-end development best practices
- Hands-on software troubleshooting experience
- Proven track record of proper documentation for future maintenance and upgrades

I've attached a copy of my resume that details my projects and experience in software development. I can be reached anytime via my cell phone, 91-9619206121 or via email at [mahesh.bodas@gmail.com](mailto:mahesh.bodas@gmail.com).

Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Sincerely,

Mahesh Bodas

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## SOFTWARE EXPERT

Experienced designing and developing software for business solutions

Software engineer with experience in multiple settings can design and develop programs using the latest and most appropriate technology.

### Key skills include:

- Languages: JavaScript - ES6, Python, C#, .Net, ASP .Net, ASP .Net MVC , C++, C, SQL
- Frameworks: ReactJS, Redux, VueJS, Vuex, Django REST, GraphQL (Graphene Django , Apollo Client)
- Testing frameworks: Jest, Enzyme, mock, redux-mock-store, NUnit
- Deployment: Heroku, AWS (RDS, Lambda, S3, CloudFront)
- Code Editor: MS Visual Studio, Visual Studio Code.
- UML: Visio, PlantUML
- Application servers: IIS, Express, Serve (static server)
- Repository: Github, SVN, TFS, Starteam
- Operating systems: Windows, Unix, Linux
- Database systems: SQL Server, Postgres, MySQL

## PROFESSIONAL EXPERIENCE

Freelance Developer (Aug 2017 – Till Date)

Responsible for:

- Frontend Development using ReactJS, Redux, VueJS, Vuex, developed Backend API using Django REST, GraphQL, Python
- Deployment:- Frontend UI apps deployed on Heroku and AWS (S3 and CloudFront). Django REST API was deployed to Heroku – One touch deployment. To AWS Lambda using Zappa client and RDS (PostgreSQL)

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## Github and Demo applications developed

### ApolloClient & React / Redux FrontEnd application

An UI application for creating and viewing User defined Entity type and Entity instance. Features include creation of dynamic forms populated with appropriate controls based on Entity type and it's associated type fields. Dynamic input validations based on associated type fields (string / date / currency / integer). Developed using **ApolloClient ReactJS** and **Redux**

Source code	<a href="https://github.com/MaheshBodas/apollo-reactjs-poc-ui-master">https://github.com/MaheshBodas/apollo-reactjs-poc-ui-master</a>
Deployed at	<a href="https://apollo-reactjs-poc-ui-master.herokuapp.com">https://apollo-reactjs-poc-ui-master.herokuapp.com</a>

### React & Redux FrontEnd application

An UI application for creating and viewing User defined Entity type and Entity instance. Features include creation of dynamic forms populated with appropriate controls based on Entity type and it's associated type fields. Dynamic input validations based on associated type fields (string / date / currency / integer). Developed using **ReactJS** and **Redux**

Source code	<a href="https://github.com/MaheshBodas/reactjs-poc-ui-master">https://github.com/MaheshBodas/reactjs-poc-ui-master</a>
Deployed at	<a href="https://reactjs-poc-ui-master.herokuapp.com">https://reactjs-poc-ui-master.herokuapp.com</a>

### VueJS and Vuex FrontEnd application

An UI application for creating and viewing User defined Entity type and Entity instance. Features include creation of dynamic forms populated with appropriate controls based on Entity type and it's associated type fields. Dynamic input validations based on associated type fields (string / date / currency / integer). Developed using **VueJS** and **Vuex**

Source code	<a href="https://github.com/MaheshBodas/vuejs-poc-ui-master">https://github.com/MaheshBodas/vuejs-poc-ui-master</a>
Deployed at	<a href="https://vuejs-poc-ui-maheshbodas.herokuapp.com">https://vuejs-poc-ui-maheshbodas.herokuapp.com</a>

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## Django GraphQL Based API

- Developed GraphQL based API for defining user define Entity type and attach multiple fields with Entity type as user desire.
- Allow clients of this API to create Entity Instances based on Entity Type.
- GraphQL has concept of queries i.e. Client application defines shape of data to be retried from server.
- GraphQL Mutations, Input types are used for adding and updating Django Models. Made use of Django serializers in DRF to do all validation before committing model changes.
- Query all Entity Types and Entity Instance, as well as Query all Entity Type Keys and Entity Keys
- Query Single Entity Instance as well as all Entity Instances.

Source code	<a href="https://github.com/MaheshBodas/graphql-drf-poc-api-master">https://github.com/MaheshBodas/graphql-drf-poc-api-master</a>
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## Django REST Based API

Developed REST based API using Django REST framework to for defining user define Entity type (master) and associated TypeFields (detail) and Risk Instances based on Risk Type.

- Post RiskTypes and Risk
- Get RiskTypes, RiskTypeKeys, RiskKeys
- Get Single Risk, All Risks

Source code	<a href="https://github.com/MaheshBodas/drf-poc-api-master">https://github.com/MaheshBodas/drf-poc-api-master</a>
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## Bank of America- Merrill Lynch, Mumbai, Offshore Development Center.

### Senior Analyst (May 2016— July 2017)

Served various Line of Businesses within the Bank of America- Merrill Lynch. Developed application for Front office and Middle office teams within the bank. Responsible for:

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- Research, design and implement scalable in-house application used by for Front office and Middle office teams in Bank.
- Collaborate closely with both local and global team members to plan, design, and develop robust solutions.
- Engage with Senior Traders, Users in Bank regarding maintenance and troubleshooting of diverse software system.
- Development updates using C# .Net and ASP.NET. Python, Quartz framework
- Supporting releases developed in C# .Net and ASP.NET. Python, Quartz framework.

## **Ness Technology UK- Offshore development center.**

**System Analyst** (May 2006 — July 2017)

**System Analyst** on the Brixx Planner (Venture Capitalist driven business).

Responsible for:

- Continually established clear software specification and formulated software requirements
- Writing maintainable and extensible code in team environment.
- Implemented UI designs including experimentation and multiple iterations.
- Rapidly prototyped new capabilities to confirm feasibility.
- Developing the latest release of Brixx Planner UI using C# and Winforms.
- Assisting in the framework design of Brixx Planner UI using C# and Winforms.

## **GE Energy Services, Mumbai, Offshore Development Center.**

**Senior Software Engineer** (Jan 2001 — Jan 2006)

Responsible for:

- Collected stakeholder requirements while migrating Client - server based Data acquisition system for Air Emission monitoring and submitted same to Project Manager.
- As a team member, successful migration of Client - server based Data acquisition system for Air Emission monitoring to Web based Emission monitoring system using C#, ASP .Net and SQL server.
- Consulted regularly with project stake holders and onsite managers on project status, technical issues.

## **Mahesh Bodas**

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- A modification to System 1™ software to correct errors, upgrade interfaces, to improve performance. System 1™ software is flagship product of Bently Nevada, which is now a part of GE Power Systems business. System 1™ software enables the user to very efficiently and effectively manage equipment assets, evaluate their condition and increase their reliability. Technology used was VC++, COM, VB 6

### **EDUCATION & CREDENTIALS**

K.E.S. Engineering College, Bombay University.

- Bachelor of Electronics Engineering , 1996