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"I'm the type of person that if you ask me a question and I don't know the answer, I'm going to tell you that I don't know. But I bet you what, I know how to find the answer and I will find the answer."

- The Pursuit of Happyness

Looking for the role of NodeJs, Blockchain developer.

Academic Qualification:

Standard	Institute	Board	Percentage/Grade
MSc. in Scientific Computing	Interdisciplinary School of Scientific Computing	Pune University	8.5/10
BCS	Nowrosjee Wadia College Pune	Pune University	64.46
HSC	Nowrosjee Wadia College Pune	HSC	63
SSC	Samson Memorial Republic High School	SSC	84.46

Highlights

- Experience in Blockchain Development with hands-on experience in Ethereum development using Truffle and Solidity.
- Experience in Server-side web development using Node.js along with microservices architecture.
- Experience in backend development.
- Experience of creating DApp blockchains implementing different consensus algorithms (Proof-of-Work, Proof-of-Stake, and Proof-of-Authority).
- Open source contributor on OpenZeppelin, Vyper, Truffle Suite, and ethereum/solidity.
- Good hands-on deployment (AWS).
- Proficient in Shell Scripting. (Fond of automating monotonous/repetitive tasks).
- Experience in creating AWS EC2 and S3 servers.
- Good analytical and problem-solving skills.

- Enthusiast in learning new skills
- Unix Operating System and Command line in love with both.
- Excellent at Research and Development type of work.
- A team player, management skills (Coordinator of Technovation 2016), excellent communication skills, a public speaker (delivered a speech on Harbinger's Values https://drive.google.com/open?id=18dhHcMvtBan6uBwzLRJRyjCvaHhWP0n9).

Certification and Achievements:

- Consensys: Blockchain Developer Bootcamp Scholar recipient.
- German Intensive Certificate - Level A
- Finalist of Accenture Blockchain Hackathon 2018
- IAAA Certified Ethereum Blockchain Developer and Blockchain Professional
- Most Challenging Project Award (Team Award) 2018.
- Distinguished Contributor for the first project (Individual Award) 2018.
- Distinguished Contributor for Debugger configuration into the Editor (Individual Award) 2019.
- Most Successful Project Award (Team Award) 2019.

Technical Projects

Project Name	Loan Lending App (Blockchain - ERC20)
Technology	Node.js, React.js, SQLite, Solidity, Ethereum, Web3.js, Openzeppelin-Solidity, ERC20.
Description	A loan lending app that stores all the debt details on blockchain.
Role	Backend Developer / NodeJs Developer
Contribution	- Developing smart contracts using Solidity. - Developing test cases for the smart contracts following the TDD approach. - Create command-line demos for the developed smart contracts. - Develop REST APIs which were later on replaced by GraphQL. - Deploying Smart Contracts on Private Blockchain, Testnet, etc. - Carrying out test suites on different blockchain networks. - Exposing smart contract functionalities via APIs. - Backend development.

Project Name	Certificate of Authenticity (Blockchain - ERC20 & ERC721)
Technology	Node.js, React.js, MongoDB, Solidity, Ethereum, Web3.js, Openzeppelin-Solidity, ERC20, ERC721.

Description	A web app that allows users to store their artworks uniquely on Blockchain using ERC721 implementation.
Role	Backend Developer / NodeJs Developer
Contribution	● Developing smart contracts using Solidity. ● Developing test cases for the smart contracts following the TDD approach. ● Create command-line demos for the developed smart contracts. ● Develop REST APIs which were later on replaced by GraphQL. ● Deploying Smart Contracts on Private Blockchain, Testnet, etc. ● Carrying out test suites on different blockchain networks. ● Exposing smart contract functionalities via APIs. ● Backend development.

Project Name	Land Records Using Blockchain
Technology	Node.js, Handlebars (hbs), MySQL, Solidity, Ethereum, Web3.js, IPFS.
Description	The idea was to store assets on Blockchain.
Role	Backend Developer / NodeJs Developer
Contribution	● Created project structure. ● Did requirement analysis. ● Database design. ● Deciding the technology stack. ● Smart contract development. ● Web-app AWS deployment. ● Automating deployment process. ● Developing REST APIs.

Project Name	ImagineBC
Technology	Node.js, MySQL, Solidity, Ethereum, Web3.js, IPFS.
Description	An application that is built using Blockchain which focuses on creating a community that empowers your privacy to transact securely and get paid for viewing ads, taking interviews, etc. Main theme is you should get paid for your data and nobody else.
Role	Backend Developer
Contribution	● Entire backend development. ● Developing smart contracts, their deployment, setting up blockchain nodes. ● Developing REST APIs.

Project Name	Decentralized Learning System - (OpenSourced, Maintainer)
Technology	Node.js, Handlebars(hbs), Solidity, Ethereum, Web3.js, Openzeppelin-Solidity.
Description	The idea of creating a stack overflow like system using Blockchain.
Role	Full-Stack Developer
Contribution	- Setup the project architecture. - Developing smart contracts using Solidity. - Developing test cases for the smart contracts following the TDD approach. - Develop REST APIs. - Deploying Smart Contracts on Private Blockchain, Testnet, etc. - Carrying out test suites on different blockchain networks. - Exposing smart contract functionalities via APIs.

Project Name	Blockpool
Technology	Node.js, Angular, Bash scripting
Description	- It is a blockchain that used DPoS consensus algorithm. - Entire Blockchain is created using Node.js - Desktop wallet and Explorer are created using Angular - It provides Blockchain as a service(BaaS). - It has a concept of a sidechain. Sidechain is a blockchain that is running parallel to the mainchain. Sidechain will be used as a database for legacy software. - Explorer Link: http://bplexp.blockpool.io
Role	Backend Developer / NodeJs Developer
Contribution	- Setting up the Blockchain network on AWS. - Bash Scripting.

Technical Skills

- Experience of Blockchain development.
- Experience of Dapp development.
- Ethereum
- Programming Languages:
  - Procedural language: C Programming
  - Object-Oriented Programming C++ Programming
  - Scripting language: JavaScript
- Frameworks:
  - Express

- - Truffle
    - Waffle
  - IDE & Tools:
    - VS Code
    - WebStorm
    - Atom
    - Sublime
- Version Control: GIT
- Operating System: Windows NT, Linux Distributions
- Testing techniques: Unit testing
- Web Technologies: HTML/HTML5, CSS, XML, Javascript
- Agile/Scrum Methodology

Work History

Harbinger Systems Pvt. Ltd., Pune – **Senior Software Engineer/Blockchain Engineer**

January 2017 - PRESENT

- Create blockchain PoC's.
  - Blockchain Explorations: Hyperledger Fabric, ARK's Blockchain implementing Proof-of-Stake consensus algorithm, Ethereum's Blockchain implementing Proof-of-Work and Proof-of-Authority consensus algorithm.
- Setting up Blockchain Nodes
  - Set up a multiple node Blockchain networks locally implementing different consensus algorithm.
  - Set up a multiple node Blockchain networks on AWS.
  - Automate deployment process (bash).
- Developing smart contracts using Solidity following a TDD approach.
- Truffle framework.
- Waffle framework.
- Testing Smart Contracts on Ganache, Private and Testnet networks.
- Node.js development (designing API's to writing business logic to work with databases).
- Writing shell scripts for automating the deployment process.
- Developing Windows PowerShell Scripting for basic software installations.
- Blockchain Projects
  - Implemented blockchain for an iOS application
  - Implemented blockchain for a Financial Domain Mobile/Web Application
  - Implemented Land Records Using Blockchain
    - Ethereum (geth) for setting up a blockchain node
    - Solidity for Smart Contracts

- ■ Node.js for backend development
- ■ MySQL

Atos India Pvt. Ltd., Pune – Associate Software Engineer

April 2014 - July 2015

- Monitoring Clients' Servers for any failures, raising incidents accordingly and assigning it to the concerned team.
- Ensuring the timely scheduling of jobs.
- Testing for the proper functioning of URLs.
- Creating reports.
- Sometimes initiating daily hurdles (daily 15 minutes conference call with team members).
- Analysis of Incidents rose for repetitive alerts or fake alerts.

GitHub

https://github.com/balajipachai

LinkedIn

https://www.linkedin.com/in/balaji-shetty-pachai/

Personal Information:

- Date of Birth: 12/08/1991
- Father's Name: Shetty Pachai
- Marital Status: Unmarried
- Nationality: Indian

The above-mentioned information is correct to the best of my knowledge.

- Balaji Shetty Pachai