Siddharth Singh

Full-stack Development (Blockchain / AI & ML)

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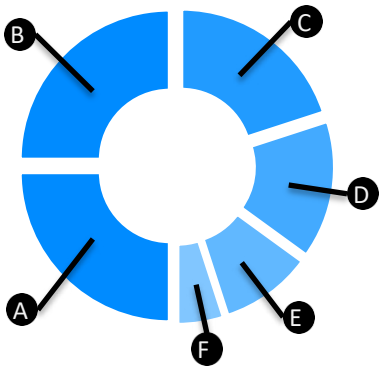
https://github.com/demigod-ares

MY COMPETENCY



- A Full Stack Development
- B Blockchain / Smart Contract
- C Business Problem Solving
- D DevOps & CI/CD pipeline
- E Unit/e2e testing & deployment
- F Statistics, AI / ML Models

EXPERIENCE

Associate Developer

IBM India Pvt Ltd

~ **04/2021 - Working, Bangalore**

Developing in "Vinturas" project with Agile approach. The project is based on Hyperledger-fabric, IBP. Responsible for Developing best solution to meet the client needs in NestJS framework with VS Code IDE. Creating/modifying microservices and containerizing it using Docker. Modifying configurations and updating dependencies of Hyperledger-fabric network and microservices whenever necessary. Unit testing with Jest framework and e2e testing with postman. Managing bit-bucket repository of the project and using it for code review. Deploying the code to dev while monitoring CI/CD pipeline in concourse. Process Automation using n8n.io. Writing deployments for Kubernetes and managing k9s.

Blockchain Training Alliance – Certified Blockchain Developer Ethereum

Developing and testing D-apps on EVM using Solidity, Remix IDE, Truffle, Hardhat, MetaMask wallet, testing on mainnet/testnet, Ganache, geth, Ether Scan, Web3JS.

Certified IBM full-stack JAVA developer.

Microsoft Azure - AZ-900 certified.

Research Assistant

NIT Kurukshetra

~ **07/2018 - 08/2020, Haryana**

Software Developer

WebPro Technologies

~ **02/2016 - 05/2018, Faizabad**

Faculty - Industrial Automation

Prolific Systems & Technology

~ **07/2015 - 01/2016, Noida**

REFERENCES (ON REQUEST)

Sharvil Singh

Digital Technology Leadership, [XX] - A fortune 500 Organization

Manish Thaper

Engineering Manager, [XX] -A fortune 500 Organization

SUMMARY

Highly driven professional with extensive experience in conducting research, contributing to open-source projects, and developing solutions leveraging AI, IoT, and blockchain technologies. Delivering impactful solutions that solve complex business problems. Passionate about the ever-evolving tech industry and committed to staying up-to-date with the latest trends and technologies. Skilled at building relationships and collaborating with cross-functional teams, clients, and stakeholders to drive successful outcomes.

SKILLS

Client-Side: HTML, CSS, Bootstrap, JS, TypeScript, Angular, React

Server-side: Typescript, NodeJS, NestJS, Jest, JAVA, Spring Boot, JUnit, Docker, Docker-compose, Kubernetes, k9s, REST

Blockchain: Hyperledger Fabric, IBP, Ethereum.

ML, DL & AI: Python, NumPy, SciPy, Scikit-learn, Keras, Eli5, TensorFlow, PyTorch

Data Visualization & Processing: Tableau, MS Excel, matplotlib

Cloud: AWS, MS Azure, IBM Cloud

Database: MySQL, Couch DB, Mongo DB

Management Frameworks: Scaled Agile (SAFE), LEAN, Agile, Scrum, Fast Works

Others: Postman scripting & testing, n8n.io automation.

EDUCATION

M.Tech (Power Electronics)

NIT Kurukshetra

~ 06/2018 - 06/2020

% **87** / 100

PG Diploma (Industrial Automation)

Prolific Systems & technology, Noida

~ 02/2015 - 07/2015

PG Diploma (Power, T&D)

NPTI Badarpur, New Delhi

~ 07/2014 - 02/2015

% **78** / 100

B.Tech (EEE)

IMS Engineering Collage, Ghaziabad

~ 07/2010 - 07/2014

% **78** / 100

AWARDS

- **Manager choice & Event awards at IBM**
- **Gold Medal 2020 – NIT Kurukshetra**
- **Gold Medal 2015 - NPTI Badarpur**