

Vijay Pandey

Lead Engineer | Edjx

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Google

Certified Professional
Cloud Architect

I have 9+ year of experience in IT industry as full stack developer having expertise in Golang, NodeJs, Javascript, React, Java and .net stack along with AWS and Google Cloud.

Worked on Distributed & Decentralised Architecture, Design (*HLD & LLD*) Development and Deployment of various use cases.

Experience

EDJX India

FEB 2020 – Present

Lead Software Engineer, Decentralised & Distributed Technology.

GlobalLogic India

JUNE 2013 – FEB 2020

Full Stack Developer, Google Certified Cloud Architect.

Skills

Golang, Crypto, Blockchain, p2p, Decentralised, Web-Assembly

Expertise in Design, Scaling and development of decentralised & distributed system, serverless computing ecosystem, decentralised storage and events

Node, React Native, ASP.net MVC, Java, Socket.io, WebRTC

Experience in building highly scalable real time system using WebRTC, Node.js, Express, Redis, Core Java Spring boot, React & MEAN stack.

Angular, React, React Native, Electron

ReactJS, Webpack, Redux, Mocha, Angularjs and other JavaScript frameworks. Worked in Web, Mobile and Desktop Application development.

Artificial Intelligence, Tensorflow, Cloud ML and Data, Chabots

Worked in AI and chatbots using various frameworks - RASA NLU, Microsoft bot builder, Google dialogflow, Google Cloud AutoML

MicroServices, Cloud Native, Message Queues and Reactive Services

Worked In micro service architecture design and development, circuit breaker hystrix, sidecar development using nodejs, Spring Framework, SpringBoot, eureka, Docker compose, Active MQ, kafka connect, caching.

MongoDB, Redis, SQL Server, Firebase, Google Cloud

Worked in NoSQL and RDBMS Databases, AWS s3, Google Cloud functions, App engine, GCP tensorflow, Kubernetes.

Projects

Edjx: Serverless Edge Computing and Storage.

Role: Lead Software Engineer.

As Part of core team at Edjx worked on design development and deployment of decentralised p2p platform for storage and edge computation.

Golang, Nodejs, Libp2p, Open telemetry, leveldb, Badgerdb, PostgreSQL, Redis, caddy, coredns, nats event, protobuf

Worked in architecture and design discussion

Complete decentralised database and content storage with content addressing.

Rust web-assembly based serverless function executor with edge routing capability.

KV Database - serverless, distributed, peer-to-peer database

Feeds - Metadata Database - an immutable (append-only) log with traversable history with blockchain.

Odigo: Omnichannel cloud contact center solutions.**Role: Cloud Native Developer.**

NodeJS, ExpressJS, Spring boot Microservices, Socket, **Redis** storage & PubSub, PostgreSQL, Google Cloud Managed Services.

Desktop Application and Monitoring Server – Merrill Corp

Desktop Application for Windows (7+) and MacOS build with electron along with centralized monitoring system.

Role: Sr. Developer – Development and Scaling of App.

Electron, ReactJs, NodeJS, ExpressJS, Heroku, MaterialUI, Jest.

Mobile Assistant – Merrill Corp

Mobile Assistant to assist user in Document Management developed for iOS and Android using React native along with feature for video calling, face recognition, google drive integration and virtual assistant bot.

Role: Sr. Developer – Development of Mobile App.

React Native, Redux, ExpressJS, **ASP.net Web API**, MongoDB, AWS EC2

Innovation Lab – Google Hyderabad, Hilti, Merrill Corp

Innovation lab to quickly build software and POCs around new ideas and by evaluating and using new technology stacks.

Role: Lab Lead – Business understanding and solutions.

React Native, ASP.net Core, ReactJS, Angular, NodeJS, Docker, Jenkins, Java, Spring boot, Kubernetes, Cloud, Swagger, MicroServices, Rabbit MQ, Chatbots.

Classroom whiteboard, Audio Video – EduWizards

Complete web based, responsive, online learning platform.

Role: Product design & Full Stack Developer.

ReactJS, Nodejs, MongoDB, Redis, AWS EC2, AWS S3, WebRTC, Socket.io, nodejs audio video processing ffmpeg, nodejs clustering.

Projects

Admin Panel – APAX Partners

Design and Development of Admin Panel web interface for managing portfolio and their competitor companies.

Role: Product Design and development.

ASP.net MVC 4, SQL server, LINQ, Entity Framework, D3, Angular.

Education

ITS engineering college

Bachelor's degree, Computer Science,
Gautam Buddh Technical University

The Army Public School

Central Board of Secondary Education.

Achievements

Edjx Global Hackthon winner (**edjxAvenger**)

GlobalLogic Hackathon Winner (Machine learning)(**Avenger**).

NASSCOM 2017 hackathon Top 10 Machine Learning.

Awarded with League Extraordinary Award Consecutively.

Consistent top performer and winner of Excellence Awards.

GOOGLE CLOUD CERTIFIED - Professional Cloud Architect.

Worked with Google Hyderabad team and cloud plan training.

Certification: Architecting with Google Kubernetes Engine.

Speaker in Redis Lab Delhi Event - Redis In depth.