Anup Panwar
Mobile: 91 6395461221, 9410789160 | **Email:** anup.panwar36@gmail.com

Summary

Architect Professional with B.Tech focused in Computer Science and Technology with 6+ years of experience in core Backend and Blockchain projects for Mantra Labs and Tech Variables Clients. Responsible for Backend and Blockchain solutions, Devops, API Development (Nodejs) and Cloud Architect. Worked with several projects on Nodejs/Python/Golang such as Smart News System (for client Hotify), Cancer Diagnostic System (for client TopicIQ) and ICO and Wallet Integration (with client OpsSpot) as a Backend/Smart Contract Engineer. Design and develop resilient and scalable solutions that receive, custody, and broadcast assets for millions of users across all major blockchain networks. Research, design, implement and maintain all decentralized systems supported by organization. Integrate with new blockchains and side-chains to increase our crypto coverage. Work with cross functional business and IT team to advice and design new or changes to current application and or integration architectures. Produce application framework and technical architecture diagrams/documentation

Technical Skills

Programming	Javascript, Nodejs, Python, Go, PHP, Solidity
Framework	Laravel (PHP), Express & SailsJs (Node.js), flux (Python)
Isomorphic	Ansible, Docker, Jenkins, NLP, CV2
Database	Mongo, ElasticSearch, Redis, DynamoDB, Neo4j
Cloud Admiration	AWS, Azure, GCM
Development Environment	Sublime
Version Control	Git

Experience

Since Aug-2020 – Present | Niyo Solutions (Fin New Solution pvt ltd)

Niyo IDFC First bank, an account, an app and a card unlike any other. With a host of mighty features like – Industry's best interest rate on savings account, 0% commission on Mutual Funds investments and 0% on forex,

Writing reusable, testable, and efficient code. Creating database schemas that represent and support business processes. Working on continuously improving tools and systems

Design and implementation of low-latency, high-availability and performant applications. Lead/contribute to engineering efforts from design to implementation to solving complex technical challenges for leading enterprises.

Involve in all aspects of the application development lifecycle: development, QA, documentation, implementation and integration. Drive adoption of best practices in code health, development productivity, scale and maintainability

Analyse and decompose complex software systems and collaborate with cross-functional teams to influence design for engineering excellence.

Since 2017 Aug | Tech Variable PVT LTD

Own the product development from scratch. Architect scalable, distributed and large-scale web and mobile solutions. Coding for fresh development and to troubleshoot and resolve issues.

Writing reusable, testable, and efficient code. Creating database schemas that represent and support business processes. Working on continuously improving tools and systems

Design and implementation of low-latency, high-availability and performant applications. Lead/contribute to engineering efforts from design to implementation to solving complex technical challenges for leading enterprises.

Involve in all aspects of the application development lifecycle: development, QA, documentation, implementation and integration. Drive adoption of best practices in code health, development productivity, scale and maintainability

Analyse and decompose complex software systems and collaborate with cross-functional teams to influence design for engineering excellence.

Project Details

PLM360 (PLM360) | Blockchain/Backend Developer

Building Scalable REST Based API's for PLM in ExpressJS. Integrated Image Based CAD Image Search in CADIMageSearch. Queue System for Upload and Download Images in Rabbitmq.

Setting up the Codebase into AWS with automation on Ansible, Docker. Setting up Mining Facility in Northern East Part of India.

Smart Contract for PLM360 Decentralized System in solidity. Work with the team to create backend services by translating application storyboards and use cases into functional applications. Design, build and maintain efficient, reusable, and reliable code

Ensure the best possible performance, quality, and responsiveness of the applications. Identify bottlenecks and bugs, and devise solutions to these problems

Technologies Used: JavaScript, Nodejs, Mongodb, Solidity.

PayPie | Blockchain/Backend Developer

Paypie ERC20 token Paypie ICO Development and Deployment. Writing token distribution Smart Contracts in Solidity. Paypie ERP System Development in Node.

Research, design, develop, and test blockchain technologies. Brainstorm and help evaluate applications for new tools and technologies as they continually evolve

Maintain and extend current client- and server-side applications responsible for integration and business logic

Technologies Used: JavaScript, Nodejs, Mongodb, Solidity.

BelfricsBT | Blockchain/Backend Developer

Belfrics Minetable ERC20 token BEL ICO Development and Deployment. Writing ICO and Decentralized Crypto Exchange Smart Contracts in Nodejs.

Setting up multiple Nodes Permission Based Blockchain System for plug in play modules in Hyperledger Fabric. Writing Permission Based Blockchain Configurations in Docker-Compose.

Technologies Used: JavaScript, Nodejs, Mongodb, Solidity. Hyperledger, Docker-Compose

BtcEx | Blockchain/Backend Developer

Btcex Minetable ERC20 token BXC ICO Development and Deployment. Writing ICO and Centralize Crypto Exchange Smart Contracts in Nodejs/Go.

Integration of multiple Crypto Listener for Credit and Deposit. Ex: BTC, ETH, USD (Tether) etc. Writing Automation Configurations in Docker-Compose.

Design and develop logical and physical data models to meet application requirements. Unit test code for robustness, including edge cases, usability and general reliability

Technologies Used: JavaScript, Nodejs, Mongodb, Solidity, GoLang, Docker-Compose

2015 July - July 2017 | MantraLabs

Developed complex software products that include scale, algorithmic complexity and huge amount of data. Build cutting-edge scalable systems by writing simple and efficient code.

Push design and architecture limits for new product development. Collaborate with product managers, and other key stakeholders to successfully execute projects.

Will ensure compliance with build/release and configuration management processes. Integration of user-facing elements developed by back-end developers.

Build efficient, testable, and reusable modules. Solve complex performance problems and architectural challenges Integration of data storage solutions

Understanding fundamental design principles behind a scalable application. User authentication and authorization between multiple systems, servers, and environments.

Project Details
Forward Lane (FORWARD LANE) ML Engineer/ Backend Python Developer

Responsible for building a Regression and Classification model. Responsible for building an Intelligent Financial Search Engine. Design, develop and own components of the product

Responsible for data scraping from different sources such as websites, papers, blogs, etc. Graph of a connected entities for suggesting best search results.

Collaborate with the team and communicate effectively, to solve problems and build, extend, optimize and refactor the back-end architecture

Strengthen or improve development and release processes within the team. Collaborate with product managers, and other key stakeholders to successfully execute projects.

Design and develop production-ready APIs and algorithms at scale. Design, develop, process and analyse data collections and processing from diverse sources, large scale structured

Technologies Used: Python, R, Flask, NLP, Classification, Regression, Elastic Search, Graph Database (ArangoDB).

TopicIQ (TopicIQ) | Image Processing/Backend Engineer

Reading Large Size(3+GB) MRI Images storing image data in RGB format by using numpy and Rendering into a Web Browser based HTML Page using Microsoft Toolkit.

Removing all unnecessary Background Information from RGB using CV2. Read Large Images, creating Chunks/Tiles of Images of Particular Dimensions and If the Dimension Not match with Image Dimension adding extra Null Block of Chunk using python OPENCV2.

Store RGB Values to HLB Files Format. Marking all Cancer Tissues found in Image.

Technologies Used: Python, Flask, Numpy, OpenCV,

Hotify (Hotify) | Backend/DevOps Engineer

Building Scalable REST Based API's for News APP. Queue based News Storage System, to process thousands of News. Real TIme News Update mechanism for all the subscribed users.

Drive the architecture of our application platform, considering the team and our future product roadmap. Drive and uphold high engineering standards, bringing consistency to the code bases encounter and ensuring software is adequately reviewed, tested, and integrated.

Build new features for internal and external users, and refactor existing ones to make them better. Drive optimization, testing and tooling to improve quality of solutions

Integration of Amazon Services for Notification (SNS), Cache Storage (ECS), ES (Elasticache) etc. Setuped Automated Deployment Process Written in Ansible and Manage by Jenkins.

Technologies Used: Nodejs, Mongodb, Redis, Elastic Search, Dynamo, Ansible, Jenkins.

Klimb.io (NeemTree) ROLE: Backend Developer

Building Scalable REST Based API's for Hiring and Candidate Portal. Setting up the Codebase in AWS with automation on Ansible.

Integration of Amazon Services for Notification (SNS), Email (SES). Creating and implementing database schemas that represent and support business processes.

Use best software development practices and processes including unit testing, code reviews, and site monitoring post deployment.

Continue to research and evaluate new technologies that may improve performance and elegance of our software implementation.

Explore and Integrate third-party APIs when required for the project.

Technologies Used: JavaScript, Nodejs, Mongodb, Elastic Search.

Accomplishments

Online coding platform with various programming courses same as like HackerRank & Hacker Earth using PHP and MYSQL. http://codelinkster.com/

NPM Module for making debugging colourful and ease the Module name is Rangoli, which present all the Node Js Logs in different-2 Colour https://www.npmjs.com/package/rangoli

Education

B.TECH in Information Technology – UTTARAKHAND TECHNICAL UNIVERSITY DEHRADUN - (20011 - 2015)

Declaration

I hereby declare that above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief.

Anup Panwar