

SHIKHAR BHATT

Pune, India

📞 +917208389809 ✉ shikhar.bhatt011@gmail.com 🔗 linkedin.com/in/shikharbhatt 🌐 github.com/ShikharBhatt

Education

University of Pune - GPA: 9.23

Aug. 2015 – Jun. 2019

Bachelor of Engineering, Information Technology

Pune, India

Technical Skills

- Azure, TypeScript, JavaScript, NodeJS, Solidity, Blockchain, PostgreSQL, HTML5
- AWS, ReactJS, Redux, Jest, Mocha, Python, MongoDB, MySQL, .NET Core, C++, C, CSS, Docker, DID, VC
- Go, .NET Framework, Shell Scripting, Powershell, Terraform, Github Actions, PHP

Experience

Impactility | *Blockchain Engineer* | Pune | Berlin

Aug. 2021 – Present

- Working as part of Shell Plc's Blockchain Centre of Excellence R&D team to develop enterprise ready web3 applications and infrastructure | Multisignature wallet, RPC nodes, Gasless payments, etc.
- Developed an open source Ethers.js compatible signer for Azure Key Vault using TypeScript | <http://bit.ly/3RcLJz2>
- Developed a decentralized app for the COP27 conference participants to offset their air travel's carbon emissions using on-chain credits from Toucan Protocol | <http://bit.ly/3Jf0qQp>
- Deployed private RPC nodes using OpenEthereum Client, resulting in a 20% reduction in service latency
- Developed and actively maintained REST microservices utilizing NodeJS, ensuring high availability and scalability
- Developed customized and re-usable UI components with ReactJS.
- Setup CI/CD pipeline using Github Actions to test and deploy a micro-services architecture based application on AWS
- Automated monitoring and downtime for resources using AWS Lambda & EventBridge resulting in 30% cost savings

Schlumberger | *Application Engineer* | Pune, India

Aug. 2020 – Aug. 2021

- Developed a .NET Core Application involving creation of REST APIs, Azure Functions & MS Workflow Foundation
- Deploy & maintain Azure IaaS, PaaS resources via Terraform, reducing setup and maintenance time by 80%
- Designed and developed Azure Function based ticketing system in Remedy for applications monitored by Dynatrace

Schlumberger | *Associate Application Engineer* | Pune, India

Jul. 2019 – Aug. 2020

- Developed a system to deallocate idle VMs in cloud(Azure/GCP) resulting in 65% cloud billing savings
- Designed and developed Python based Azure Functions(HTTP, Queue, Timer triggers) for effective and efficient communication between two independent applications
- Developed a python script for automatic resizing of Atos DPC VMs via Turbonomic & ServiceNow

Golden Creeper Pictures | *Web Development Intern* | Pune, India

Nov. 2017 – Jan. 2018

- Developed an interactive web application for an e-commerce store based on the Yii2 PHP framework and LAMP stack

Projects

LifeBlocks: A Blockchain based Insurance Platform | <https://bit.ly/3JoxuFP>

- Designed and executed a Blockchain-based platform encompassing user medical history management, insurance policy procurement, smart contract generation for policy enforcement, and streamlined claim settlement automation.
- Deployed a private Parity Ethereum blockchain for transparent stakeholder transactions, and established an IPFS-based file system for secure medical and policy data storage.

Digital Voting System | <https://bit.ly/3je07un>

- Developed a web application for an online voting system using the LAMP stack.
- Developed a real-time vote-counter and voting trends insight dashboard using jQuery.

Publications & Certifications

- **Introduction to Lifeblocks: A Blockchain based insurance platform** - Proceedings of the 17th International Joint Conference on e-Business and Telecommunications - Volume 1: DCNET **Jul. 2020**

Awards

- Best Student Project Award 2018-19 by Tata Consultancy Services for LifeBlocks
- 1st rank in 2nd & 3rd year Information Technology Department ; Best Among all 2nd Year Toppers - MIT, Pune